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Lancaster Farming

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Milk diversion program signups begin

But ASCS withholding figures until enrollment period ends

BY TRISH WILLIAMS

LANCASTER — Interest in the government's new Milk Diversion Program is running high among dairymen, according to Agricultural Stabilization and Conservation Service officials, who are swamped with phone calls and questions on the program.

But it's anybody's guess just how many dairymen have established bases or contracted to participate in the program.

ASCS officials are prohibited from releasing such figures until all contracts have been submitted, Jan. 31st. More than likely a final tally will not become available to the public until Feb. 15th, the last date Secretary of Agriculture John Block has to modify contracts according to participation levels.

Ronald Hunt, a federal ASCS official in Washington, D.C., said, "We have decided not to release any information on participation levels until after Jan. 31st, when all the contracts have been submitted, because we don't want the overall participation level to affect an individual's decision to participate."

At a meeting on the final regulations of the program Tuesday night at the Farm and Home Center in Lancaster, Ray Brubaker, hedged a farmer's question on the level of participation in the county. Brubaker, director of the Lancaster ASCS office said, "more farmers have established bases than signed up for the PIK program." When pressed for an exact figure Brubaker responded, "more than

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Farm Show weather — snow followed by bitter cold — arrives a week late.

Surveillance of poultry set to begin

BY LAURA ENGLAND

LANCASTER — A "poultry watch" or surveillance program was initiated by the Avian Influenza Task Force this week to make earlier detection of infected poultry flocks possible.

According to Wayne Baggott, task force spokesman, the poultry watch program will facilitate early detection of avian flu and will provide information to pinpoint where the disease is.

Until now, task force personnel relied on producers to report suspicious flocks. Through the poultry watch program, task force members hope to sample the 700 poultry premises within the 5,100 square mile quarantine zone on a weekly basis.

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Avian, milk fund getting legislative priority

HARRISBURG — Avian flu and the Milk Security Fund are high on the ag agenda when the Pennsylvania State Legislature goes back into session on Monday.

The Senate-passed bill introduced by Sen. Noah Wenger, of Lancaster and Chester counties, to provide $1.2 million for aid to poultry farmers affected by Avian is expected to be amended in the House and the total increased to $2 million, as requested by the Governor.

Wenger's bill was passed by the Senate but was not acted upon by the House before the holiday recess.

The amount of aid is being hiked to $2 million because of the ever-expanding scope of the Avian problem.

Funds are to be earmarked for two main purposes. There would be reimbursement to those farmers who suffered flock losses prior to the start of the federal indemnification program. This is estimated to cost about $200,000.

The bulk of the monies would go toward aiding poultry farmers with the extensive cleanup costs

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PRV hanging on as eradication program continues

Summer is revised target date for statewide disease-free status

EPHRATA — Pseudorabies is still hanging on in Lancaster County swine herds, but the state is continuing efforts to get back to a PRV-free status by next summer.

After an entire summer and most of the autumn free of any new outbreaks, pseudorabies was found in two new herds – one in November and one just about a week ago.

"Up to that time things were looking pretty good and we were making real progress," said Dr John Cable, of the Swine Division, of the PDA's Bureau of Animal Industry.

"We're still hoping to get it cleared up by next summer

"But if anything is going to happen, this is the time of the year that it does"

Including the two new herds, a total of eight operations are still quarantined – all in the northeastern section of Lancaster County

Of these, five are breeding operations and three are feedlots.

Depopulation – entirely at the owner's expense – is pretty well along in four of the five breeding operations. PRV was just confirmed about a week ago in the fifth operation

Of the three feedlots, one is about out of pigs and progress is continuing on the other two.

The recent outbreaks in November and about a week ago were the first in quite a few months in the state

Prior to that, it was found in some feeder pigs in June, but may have come in from out of state In breeding herds, the most recent previous outbreak had been way back in last April.

On August 1, the PDA's Bureau of Animal Industry implemented a mandatory cleanup plan for infected herds in a final effort to eradicate pseudorabies from the state.

Good progress had been noted in that effort over the summer and fall until the most recent setback with the confirmation of the disease in the two new herds

At the time the cleanup and eradication plan was put into effect, it had been hoped that the state might be free of pseudorabies

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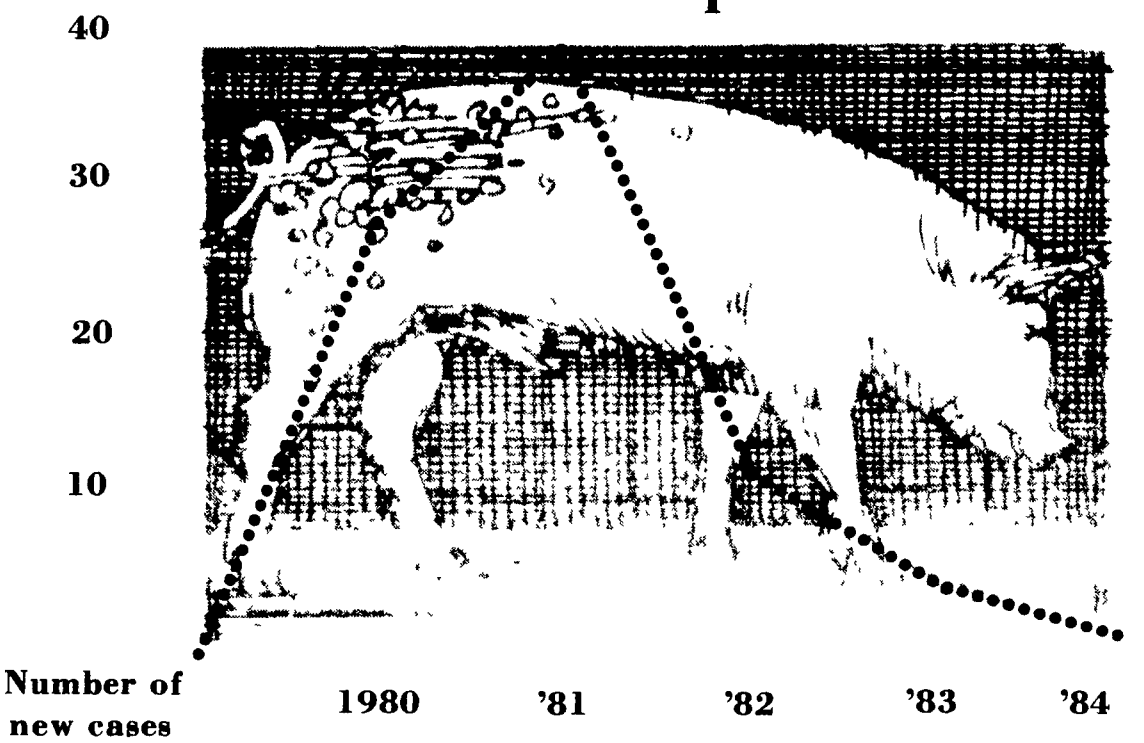
Pseudorabies quarantines



A total of 87 swine premises have been quarantined during the past four years as the state continues its battle to eradicate pseudorabies. During the initial year of the outbreak in 1980, quarantines totaled 28. The number of new quarantines reached a peak of 40 in 1981 — more than half of which came during the PDA's spring 50-square-mile survey. The number of new premises dropped to 12 in 1982, five in 1983 and two thus far this year. Of the 87, eight operations are still under quarantine.

Livestock market and auction news

Lancaster Market

Monday, Jan. 16
Report Supplied By USDA

	Cattle	Calves	Hogs	Sheep
Today	1303	113	953	356
Last Monday	900	91	1048	273
Last Year	839	82	911	220
Monday's Auction	1245	158	951	391
Last Monday's Auction	1110	120	1043	425

CATTLE: Compared to last Monday slaughter steers firm to 1.50 higher, most early sales 1.00-1.50 higher; slaughter heifers firm to 1.00 higher, instances 2.00 higher; cows 1.00-1.50 higher; bullocks steady; bulls weak to 1.00 lower. Supply included 57% steers, 14% heifers, 20% cows, and 9% bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1200-1350 lb. 72.00-73.60; Good and Choice 1-2 1150-1450 lb. 70.00-74.00; Choice 2-4 1100-1450 lb. 68.00-71.60; high Good and low Choice 2-3 66.00-68.50; Good 2-3 62.00-66.25; Good 2-3 1200-1350 lb. Holsteins 50.00-53.25, few Choice 55.00-57.00, Standard 43.25-49.50.

SLAUGHTER HEIFERS: Few head Choice and Prime 2-4 1100-1300 lb. 70.50-72.25; Choice 2-3 900-1200 lb. 67.50-70.00; Good 2-3 900-1250 lb. 59.00-66.75; mostly Good 1000-1250 lb. heiferettes 45.00-52.00.

COWS: Breaking Utility and Commercial 2-4 39.50-41.50, several 41.50-43.00, couple 43.00-44.00; Cutter and Boning Utility 1-3 36.00-39.50, few 39.50-41.50; Canner and low Cutter 33.00-36.00.

BULLOCKS: Few Choice 1050-1300 lb. 60.00-61.75; Good 1000-1250 lb. 53.75-58.50.

BULLS: Yield grade 1 1300-1800 lb. 48.00-51.00, individual 1985 lb. 57.00 and an individual 2145 lb. 61.75; yield grade 2 1000-1700 lb. 44.00-48.50.

VEAL CALVES: Vealers fully steady; slaughter calves steady. Demand good for Holstein bulls to return to farm.

VEALERS: High Choice and Prime 250-320 lb. 110.00-123.00; Choice 140-300 lb. 95.00-110.00; high Good and low Choice 160-300 lb. 85.00-100.00, 140-160 lb. 65.00-85.00, 115-140 lb. 52.00-70.00, 80-115 lb. 35.00-55.00 mainly 45.00-50.00.

SLAUGHTER CALVES: Good and Choice 300-550 lb. 50.00-60.00.

RETURNED TO FARM: 90-120 lb. Holstein bulls 60.00-100.00, bulk 95-120 lb. 80.00-100.00.

SHEEP: Wooled lambs weak to 5.00 lower; slaughter ewes mostly steady. Supply included around 75 goats.

WOOLED LAMBS: Choice and Prime 90-105 lb. 62.00-64.50, few head 64.50-68.00, few 110-130 lb. 60.00-62.00; Choice 80-105 lb. 55.00-60.00; Good 60-90 lb. 50.00-56.00.

SLAUGHTER EWES: Utility and Good 15.00-30.00, mainly 20.00-30.00.

GOATS: All goats sold by the head; large mature goats 50.00-56.00, couple 56.00-60.00; medium 30.00-45.00; few kid goats 25.00-30.00.

Monday's markets not covered by PDA due to holiday

Vintage Auction

Tuesday, Jan. 17
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1059	749	9	0
Last Tuesday	990	753	5	1
Last Year	826	645	5	0

CATTLE: Compared to last Tuesday slaughter steers 1.00-1.50 lower; slaughter heifers steady; cows uneven, Breaking Utility and Commercial mostly steady, Canner to Boning Utility 1.00-2.00 higher; bulls scarce, mostly steady. Supply included 52 percent slaughter steers and 43 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1425 lb. 71.10-73.75, few 73.75-74.50, couple 74.85-75.50; Good and Choice 1-2 1100-1375 lb. 69.75-73.50; Choice 2-4 1050-1450 lb. 67.25-70.50, few 70.50-71.60; high Good and low Choice 2-3 64.00-68.00; Good 2-3 60.00-65.00; Good and Choice 1200-1550 lb. Holsteins 54.00-57.00, Standard and Good 50.00-54.25.

SLAUGHTER HEIFERS: Few Choice 925-1050 lb. 60.00-63.00, individual Prime 1125 lb. 69.60.

COWS: Breaking Utility and Commercial 2-4 39.25-43.50, few 43.50-45.50, couple 45.75-46.25; Cutter and Boning Utility 36.75-39.75, few 40.00-41.75; Canner and low Cutter 33.50-38.00, few 31.75-33.50.

BULLS: Yield grade 1-2 1300-1800 lb. 47.75-51.00.

VEAL CALVES: Vealers uneven; Choice and Prime not fully tested; high Good and low Choice 140-300 lb. mostly steady, 80-115 lb. 2.00-5.00 higher. Supply included 540 in graded sale of which 76 percent sold to return to farm.

VEALERS: Couple Choice 300 lb. 84.00-87.00; individual Prime 260 lb. 111.00; high Good and low Choice 240-360 lb. 70.00-84.00, 120-140 lb. 64.00-76.00, 80-115 lb. 51.00-58.00, 60-80 lb. 45.00-50.00.

RETURNED TO FARM: 45 head 100-120 lb. Holstein heifers 86.00-94.00; 10 head 90-95 lb. 56.00. 20 head 120-125 lb. Holstein bulls 96.00; 205 head 100-115 lb. 109.00-115.00; 25 head 90-95 lb. 94.00-101.00; 90 head small frame 100-120 lb. 89.00-98.00.

SHEEP: Insufficient volume to fully test market; few Utility and Good slaughter ewes 15.00-21.00.

Lancaster Auction

Wednesday, Jan. 18
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	136	9	605	16
Last Wednesday	256	6	312	13
Last Year	182	22	646	45
Wednesday's Auction	104	9	653	9
Last Wednesday's Auction	190	6	195	0

CATTLE: Insufficient volume of any one class to fully test trends; few slaughter steers and cows mostly steady.

SLAUGHTER STEERS: Choice 2-4 1075-1350 lb. 68.00-70.75, couple 71.25-72.00; high Good and low Choice 2-3 1050-1300 lb. 64.50-67.25; Good 2-3 61.00-64.00.

COWS: Breaking Utility 2-3 39.25-40.75, couple 45.00-45.50; Cutter and Boning Utility 1-3 37.00-39.75; Canner and low Cutter 34.00-36.00.

BULLS: Couple yield grade 1 1535-2080 lb. 47.25-48.75. Couple Good Bullocks 1200-1315 lb. 52.00-56.75.

VEAL CALVES: No market test.

SHEEP: No test.

New Holland Livestock

Thursday, January 19

CATTLE 984. Compared to last Thursday slaughter steers opened mostly steady, later trading 50-1.00 lower; slaughter heifers not fully tested; cows 1.00-2.00 higher; bullocks scarce; bulls fully steady on small supply. Supply included 44 percent slaughter steers and 45 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1200-1350 lb. 71.75-73.75, couple 1465 lb. 74.35; Good and Choice 1-2 1150-1325 lb. 70.00-72.75; Choice 2-4 1050-1425 lb. 68.00-71.00, few 71.00-72.00; high Good and low Choice 2-3 1000-1325 lb. 65.50-68.50; Good 2-3 61.00-65.50; Choice 1225-1500 lb. Holsteins 56.00-59.75; Good 1100-1350 lb. 51.25-56.25; Standard 1000-1275 lb. 47.00-51.25.

SLAUGHTER HEIFERS. Few Choice 950-1250 lb. 59.75-64.00, three head 1475 lb. 60.00.

COWS: Breaking Utility and Commercial 2-4 40.00-44.75, few 45.00-46.25; Cutter and Boning Utility 38.00-42.50, few 42.50-44.50; Canner and low Cutter 34.50-37.50.

BULLS: Yield Grade 1 1250-1800 lb. 49.25-53.85, individual 1250 lb. 56.25 and 1515 lb. 62.00; yield grade 2 1000-1350 lb. 45.00-50.00, couple Good 1100-1250 lb. bullocks 57.50-58.25.

VEAL CALVES: 486. Vealers firm to 5.00 higher. Demand Good for Holstein bulls to return to farm.

VEALERS: Choice 240-335 lb. 97.00-107.00, couple 110.00-113.00; high Good and low Choice 140-300 lb. 80.00-95.00, 115-140 lb. 80.00-95.00, 115-140 lb. 55.00-85.00, 80-115 lb. 45.00-55.00, 60-80 lb. 37.00-47.00.

SLAUGHTER CALVES: Good and Choice 400-540 lbs. 53.00-60.00, few 280-400 lb. 60.00-71.00.

RETURNED TO FARM: Bulk 95-130 lb. Holstein bulls 88.00-110.00, few 110.00-115.00, several 85-100 lb. 65.00-85.00.

SHEEP: 28. Wooled lambs and slaughter ewes fully steady.

WOOLED LAMBS: Choice and Prime 85-130 lb. 58.00-67.00.

SLAUGHTER EWES: Utility and Good 18.00-29.00.

GOATS: 42. All goats sold by the head, mainly 24.00-42.00, several 42.00-56.00 with five head 61.00-71.00.

Lancaster Weekly

Friday, January 20

	Cattle	Calves
This Week	3700	1660
Last Week	3313	1355
Last Year	2912	1208

CATTLE: Slaughter steers .50-1.00 lower; slaughter heifers steady; cows 1.00-2.00 higher; bullocks steady; bulls steady, instances 1.00 lower. Supply included 48 per cent slaughter steers, 7 per cent slaughter heifers, 32 per cent cows, 5 per cent bulls with the balance feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1425 lbs 71.10-73.75, few 73.75-74.50; Good and Choice 1-2 1100-1450 lbs. 69.75-73.50, few 73.50-74.00; Choice 2-4 1050-1450 lbs. 67.25-71.00, few 71.00-72.00, high Good and low Choice 2-3 65.00-68.50, Good 2-3 61.00-66.00, Choice 1225-1500 lb. holsteins 55.00-59.75; Good 1100-1350 lbs. 50.00-56.25, Standard 47.00-51.25.

SLAUGHTER HEIFERS: Few head Choice and Prime 2-4 1100-1300 lbs. 70.50-72.75; Choice 2-3 900-1200 lbs. 67.00-70.00; Good 2-3 900-1200 lbs. 59.00-65.50, mostly Good 1000-1250 lbs. heiferettes 45.00-52.00.

COWS: Breaking Utility and Commercial 2-4 39.50-44.75, few 45.00-46.25, Cutter and Boning Utility 1-3 38.00-42.50, few 42.50-44.50, Canner and low Cutter 33.50-37.50, few 31.75-33.50.

BULLOCKS: Few Choice 1000-1300 lbs. 60.00-61.75; Good 1000-1250 lbs. 53.75-58.00.

BULLS: Yield Grade 1 1300-1800 lbs. 48.00-53.85, few 46.25-57.00, couple 61.75-62.00; Yield Grade 2 1000-1700 lbs. 44.00-50.00.

VEAL CALVES: Vealers firm to 5.00 higher. Demand good for holstein bulls to return to farm.

VEALERS: High Choice and Prime 250-320 lbs. 110.00-123.00, Choice 140-300 lbs. 75.00-95.00, 115-140 lbs. 55.00-85.00, 80-115 lbs. 45.00-58.00, 60-80 lbs. 37.00-50.00.

SLAUGHTER CALVES: Good and Choice 300-550 lbs. 50.00-60.00, few 280-400 lbs. 60.00-71.00.

RETURNED TO FARM: Few 100-120 lb. holstein heifers 86.00-94.00; bulk 100-125 lb. holstein bulls 88.00-115.00, several 85-100 lbs 65.00-90.00.

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9:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M — Veal Calves, Lambs, Hogs
TUESDAY
10.00 A.M — Slaughter Hogs
1:00 P.M.— Feeder Pigs
WEDNESDAY
10:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 AM.— Veal Calves, Lambs, Hogs
FRIDAY
11.00 A.M.— Stocker and Feeder Cattle
SATURDAY
9:30 A.M.—Slaughter Hogs

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HOG MARKETS

Lancaster Feeder Pigs

Tuesday, January 17
Report supplied by USDA

Today	749
Last Tuesday	725
Last Year	693

TREND: Compared to last Tuesday feeder pigs generally weak to 5.00 lower, although US 1-2 20-40 lb. firm to 5.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 83 head 20-39 lbs. 69.00-84.00; 61 head 40-49 lbs. 68.50-73.00; 105 head 50-59 lbs. 60.00-69.50; 52 head 60-69 lbs. 53.00-57.00; 68 head 70-90 lbs. 41.00-45.00.

US 2-3: 39 head 24-39 lbs. 64.00-78.00; 18 head 31-35 lbs. 57.00; 34 head 45-47 lbs. 59.00-69.50; 46 head 46-48 lbs. 55.00; 67 head 68-79 lbs. 44.00-51.00; 16 head 107 lbs. 42.00.

Lancaster Hogs

Lancaster Stockyards
Monday, January 16
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts 1.00-2.00 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 50.75-51.35. US 1 210-250 lb. 52.00-53.00. US 1-3 220-260 lb. 50.00-51.00. US 2-3 260-275 lb. 48.00-49.50.

Tuesday, January 17

Today	389
Last Tuesday	171
Last Year	275

TREND: Compared to Monday barrows and gilts .25-.50 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 50.25-51.25. US 1 210-245 lb. 51.25-51.50. US 1-3 230-270 lb. 49.35-50.25.

Wednesday, January 18

HOGS: Compared to Tuesday barrows and gilts 1.00-2.00 higher.

BARROWS AND GILTS: US 1-2 210-250 lb. 52.50-53.50. US 1 210-245 lb. 53.50-54.00. US 1-3 210-270 lb. 51.25-52.25; 190-210 lb. 49.00-51.00.

New Holland Hogs

Monday, January 16
Report supplied by USDA

Today	1937
Last Monday	1352
Last Year	1617

Compared to last Monday barrows and gilts .75-1.50 lower, instances 2.00 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 51.60-52.50, mainly 52.00-52.35. US 1 210-250 lb. 53.00-55.00. US 1-3 220-260 lb. 50.00-51.50. US 2-3 250-270 lb. 48.00-49.50.

New Holland Feeder Pigs

Wednesday, January 18
Report supplied by USDA

Today	593
Last Wednesday	467
Last Year	751

TREND: Compared to last Wednesday feeder pigs unevenly steady. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 32 head 29-39 lbs. 63.00-71.00; 26 head 44 lbs. 100.00; 141 head 40-49 lbs. 66.00-78.00; 14 head 50 lbs. 82.00; 94 head 50-59 lbs. 62.00-74.00; 54 head 60-70 lbs. 58.00-68.00.

US 2-3: 35 lbs. 23-29 lbs. 66.00-73.00; 40 head 34-49 lbs. 51.00-61.00; 74 head 40-59 lbs. 46.00-60.00.

Peoria Hogs

Thursday, January 19
Report supplied by USDA

2500. (Currently 500 short). Barrows and gilts active, opening 1.00 to mostly 1.50 higher.

BARROWS & GILTS: US 1-2 220-240 lb., mostly 52.00-52.50; 200-220 lb. 51.00-52.00. US 1-3 200-260 lb. 50.00-51.00.

SOWS: 1.00-2.00 higher. (12%) US 1-3 350-450 lb. 45.00; 450-500 lb. 47.00-48.00; 500-650 lb. 48.00-49.00.

St. Louis Hogs

Thursday, January 19
Report supplied by USDA

4000. Barrows and gilts active, 1.25-1.50 higher.

BARROWS & GILTS: US 1-2 220-260 lb. 52.25-52.75; 200-220 lb. 51.75-52.25. US 1-3 260-270 lb. 50.00-50.50; 270-290 lb. 49.00-50.00.

SOWS: Under 450 lb. steady-.50 lower; over 450 lb. 1.00 higher. (About 10%) US 1-3 300-450 lb. 43.00; 450-500 lb. 46.00; over 500 lb. 47.00-49.00.

BOARS: Over 250 lb. 38.75-39.00; under 250 lb. 43.00.

Indianapolis Hogs

Thursday, January 19
Report supplied by USDA

800. Barrows and gilts very active, 1.00-1.50 higher, instances 3.00 higher on weights over 250 lb.

BARROWS & GILTS: US 1-2 210-250 lb. 52.00-52.50, 40 head 52.75. US 1-3 few lots 210-250 lb. 52.00, uneven shipment 273 lb. 51.50.

SOWS: Active, weights under 500 lb. steady-1.00 higher; over 500 lb. steady to 2.00 lower. (6%) US 1-3 400-500 lb. 43.00-45.00; 500-600 lb. 45.00-46.00.

BOARS: 280-600 lb. 32.00-35.00.

Vintage Hogs

Vintage Sales Stables
Saturday, January 14
Report supplied by auction

US 1 & 2 212-250 lbs. 50.75-53.00: US 2 & 3 213-247 lbs. 50.50-50.75; Lightweight 188 lbs. 48.00; Heavyweight 265-280 lbs. 48.75-50.50; Sows 295-575 lbs. 38.00-45.00; Boars 212-217 lbs. 35.50-39.25.

Carlisle Feeder Pigs

Carlisle, Pa.
Friday, January 13
Report supplied by auction

Total 1032 head.

TREND: Compared to December's State Graded Sale the market was weaker; 7.00 to 10.00 lower with instances of 15.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US NO. 1 & 2: 81 head 27-39 lbs. 50.00-61.00; 174 head 40-49 lbs. 58.00-65.00; 5 head 45 lbs. 47.00; 108 head 50-59 lbs. 50.00-63.00; 80 head 60-69 lbs. 52.00-64.00; 51 head 71-85 lbs. 48.00-57.00.

US NO. 2 & 3: 193 head 31-57 lbs. 30.00-41.00; 30 head 62-66 lbs. 20.00-40.00.

US NO. 2: 34 head 32-39 lbs. 48.00-50.00; 27 head 25-35 lbs. 38.00-45.00; 26 head 42-49 lbs. 42.00-57.00; 71 head 52-59 lbs. 47.00-54.00; 109 head 66-96 lbs. 39.00-55.00.

UTILITY & AS IS: All weights 10.00-23.00.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, January 17
Report supplied by auction

Beef Cows: Utility and Commercial 40.60-43.25; Cutters 36.50-39.75; Canners 33.75-36.00; Shells 28.00.

Heifers: Good 55.75-61.60; Standard 50-50-53.75; Commercial 39.00-46.00.

Steers: Choice 60.50-63.25; Good 55.50-58.75; Standard 50.00-54.25.

Bulls: Standard 46.50-47.85.

Veal Calves: Choice 86.00-92.00; Good 62.00-83.00; Standard 49.00-59.00; Utility 42.50-48.00.

Farm Calves: Bulls 80.00-100.00; Heifers 54.00-67.00.

Hogs: 49.25-50.50.

Sows: 32.50-40.50.

Boars: 20.00-26.00.

Shoats: 25-30 lbs. per head 11.00-15.50; 30-35 lbs. per head 17.00-21.50; 35-50 lbs. per head 23.00-31.00.

Lambs: 49.50-52.00.

Sheep: 10.00-23.00.

Goats: 23.00-36.00.

U.S. Inspected Livestock Slaughter

Estimated Livestock Slaughter Under Federal Inspection
First Four Days

	CATTLE	CALVES	HOGS	SHEEP
Week to Date (Est.)	530,000	48,000	1,268,000	103,000
Same Period Last Week (Est.)	533,000	48,000	1,393,000	101,000
Same Period Last Year (Act.)	524,000	39,000	1,243,000	95,000

Chicago Grain Futures

(Closing Bids as of Thursday, January 19

Mo.	Corn	Wheat	Soybeans	Soybean Meal
Jan.			7.32	199.80
Mar.	3.27	3.43½	7.44¾	199.60
May	3.29¼	3.44¾	7.60½	201.00
July	3.29¼	3.38	7.69½	202.10
Aug.			7.63¾	202.50
Sept.	3.03¼	3.45½	7.35	199.50
Oct.				192.90
Nov.			7.17¼	
Dec.	2.88½	3.59½		194.30

Trends - Corn - sideways; Soybeans - weaker; Wheat - sideways; Soybean Meal - weaker.

Market Provided by Merrill-Lynch Commodities, York

Futures Trading

(Closing Bids as of Thursday, January 19)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
Feb.	70.00	52.72	
Mar.			5.20
Apr.	68.07	49.02	5.79
May			6.29
June	66.25	53.92	
July		54.62	
Aug.	64.67	54.10	
Oct.	62.67	51.32	
Nov.			3.75
Dec.	63.60	53.05	

Trends - Cattle - stronger; Hogs - sideways; Potatoes - stronger.
Market Provided by Merrill-Lynch Commodities, York

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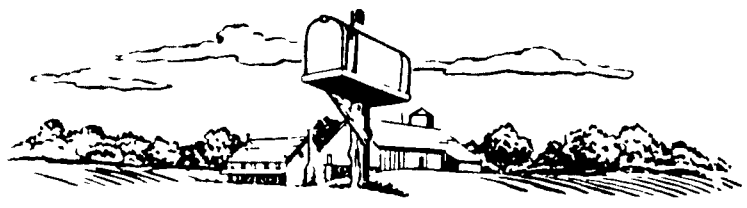

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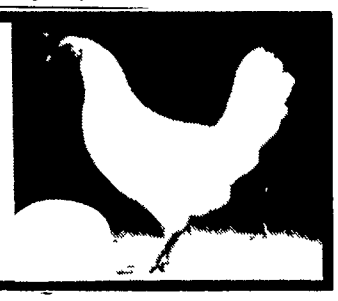
POULTRY MARKETS



Weekly New York Egg Market

From Friday, January 13 to Thursday, January 19

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	1.19	1.20	1.21	1.21	1.21
Ex Large	1.18	1.19	1.20	1.20	1.20
Large	1.17	1.18	1.19	1.19	1.19
Mediums	1.15	1.16	1.17	1.17	1.17
Pullets	.98	.99	1.00	1.00	1.00
Off Grade	1.09	1.10	1.11	1 11	1 11
BROWN					
Jumbo	--	—	—	—	—
Ex Large	1.26	1.27	1.28	1.28	1.28
Large	1.24	1.25	1.26	1 26	1 26
Mediums	1.18	1.19	1.20	1.20	1.20
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Undergrades	74	.75	77	78	78
Checks	.72	73	.75	76	.76

Breaking Stock: Friday - 25.20-26.40, 26.40-26.70; Monday - 25.50-26.40, 26.40-26.70; Tuesday - 26.10-27.00, 26.70-27.30; Wednesday - 26.10-27.30, 27.00-27.60.

N.E. Weekly Shell Egg Report

Tuesday, January 17
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores.

	Ex. Large	Large	Medium	Small
MASS.X	1.29-1.31	1.28-1.30	1.22-1.24	1.01-1.03
Mostly	1.29	1.28	1.22	1.01
N. HAMP.	1.22-1.26	1.20-1.24	1.14-1.18	93-97
Mostly	1.24-1.25	1.22-1.23	1.16-1.17	95-96
R.I.	1.20-1.28	1.19-1.26	1.14-1.20	92-99
Mostly	1.20-1.25	1.19-1.23	1.14-1.17	92-96
VERMONT	1.18-1.30	1.15-1.25	1.10-1.20	
Mostly	1.20-1.22	1.18-1.21	1.12-1.15	
MAINE	1.29-1.31	1.27-1.30	1.21-1.24	1.00-1.03

X Includes Central and Western Sections only.

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Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

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Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, January 17
Report supplied by auction

RABBITS: 4-6 lbs. range .60-.80 per lb.
RABBITS: 7-12 lbs. range .50-.72 per lb.
BUNNIES: range .50-1.25 ea.
GUINEA PIGS: range .50-2.75 ea.
GOATS: range 32.00-43.00 ea.
KID GOATS: range 9.00-30.00.
TOTAL NUMBER COOPS: 336.

Eastern Pa. & N.J. Poultry

Wednesday, January 18
Report supplied by USDA

Market Comment: The overall slaughter has increased at most plants, but trading still remains limited and at 27 cents delivered, unchanged from last week. The availability of live is short of plant needs as they run only parttime schedules. Canner pack demand is light.

Prices Paid at Farm:

Light Type Hens: Too few to report.

F.O.B. Plant: Too few to report.

New York Multiple Drop Broiler Report

Thursday, January 19
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A .65-.69; Weighted AVG.: U.S. Grade A 68.28; Premium (X) Boxes 11,454.

(X) Includes special services, selected competitive brands, etc.

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were.

Classification		DATE Jan. 17 Tuesday	DATE Jan. 19 Thursday
Class 1 - Large	48 lbs.	1.05	1.05
Class 2 - Large	45 lbs.	1.04	1.04
Class 3 - Medium	42 lbs.	1.00	1.00
Class 4 - Small	39 lbs.	.88	.90
Breaking Stock	48 lbs.	.89	.90
Checks	48 lbs.	.82	.83

Delmarva Poultry

Thursday, January 19
Report supplied by USDA

Market Comment: Ready to cook movement on whole birds is good to very good. Current production easily clears, and most plants are oversold. Cutlets and breasts are moving, and supplies continue to clear. Legs remain short, and although some buyers are balking, orders still remain strong. Leg quarters are in light supply as most plants are no longer cutting them at this time. Wing movement is quite satisfactory.

Slaughter schedules are moderate, and several plants are not operating Friday. Live supplies are adequate at mostly lighter than desired weights. Undertone firm.

Today's L.T.L. asking prices are .06 higher on U.S. Grade A at 66-71 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 1/19 1,813; Actual 1/12 1,931; Actual 1/17 1,877; Average Weights 1/17 4.11; Average Weights 1/10 4.15.

Philadelphia Eggs

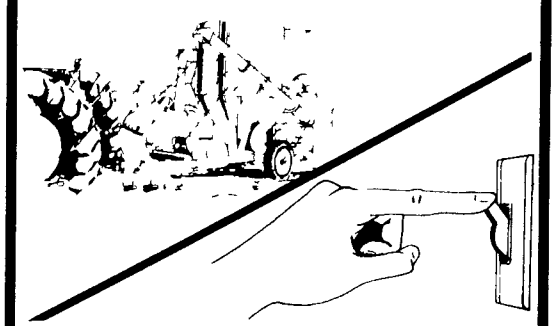
Thursday, January 19
Report supplied by USDA

MARKET COMMENT: Prices higher. Cartoned egg movement was good as packers noted add on orders for today and good orders for Friday. Jumbos remain long in most quarters. Extra large are adequate to fully adequate but kept in balance due to being substituted into large cartons. Large are adequate. Mediums and smalls are short from local production and must be supplemented by outside purchases. Inquiry for nest runs remains fairly active in some quarters. Undertone is fully steady.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 1.13-1.18; A Large 1.12-1.17; A Medium 1.09-1.14.

WINTER JOYS?



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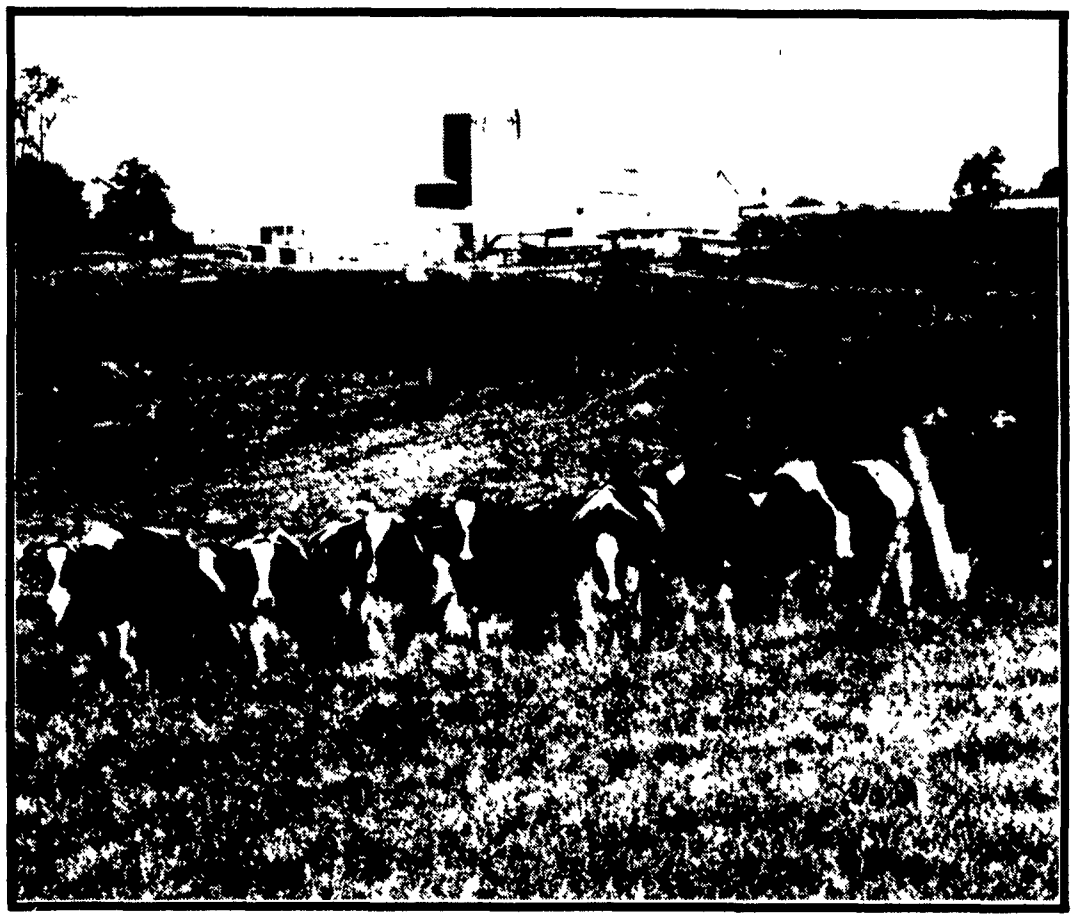

AGENDA

9:30 am	Milk, Coffee and Donuts
10:00 am	Pennfield - Leading The Way
10:15 am	Positive Program For Breeding Dairy Cows
10:45 am	Preventing Dairy Herd Diseases
11:15 am	Pennfield's New High Performance Feeds
11:45 am	Buffet Luncheon
1:00 pm	Cutting Production Costs and Improving Cash Flow
1:45 pm	Body Conditioning Scoring - A New Tool For Herd Management
2:30 pm	Meeting adjourns promptly

FEATURED SPEAKER

Dr. Brian Perkins, Ph.D. is a graduate of Cornell University, specializing in Reproductive Physiology and Ruminant Nutrition. He recently joined Pennfield Corporation, as Manager of Dairy and Livestock Nutrition.

MEETING LOCATIONS

Tues.,	Jan. 24	Hickory, Maryland	Hickory Inn
* Wed.,	Jan. 25	Georgetown, Pa.	Georgetown Fire Hall
Tues.,	Jan. 31	Shippensburg, Pa.	Grill & Gallery Restaurant

** Transportation available upon request*

Wed.,	Feb. 1	Alexandria, Pa.	Alexandria Fire Hall
Thurs.,	Feb. 2	Clintondale Mills	Loganton Fire Hall
Tues.,	Feb.7	Kistler, Pa. - Perry County	Kistler Corner Restaurant
Thurs.,	Feb. 9	Thurmont, Maryland	Cozy Restaurant
Wed.,	Feb. 15	Nottingham, Pa.	Nottingham Inn
Tues.,	Feb. 14	Chambersburg, Pa.	Burkholders Restaurant
Thurs.,	Feb. 23	Damascus, Maryland	Damascus Fire Hall

TO MAKE RESERVATIONS FOR THE MEETING IN YOUR AREA CALL TOLL FREE

Pa. 1-800-732-0467 Md. 1-800-233-0202

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HAY MARKETS

Frederick Co. Hay

Buckeystown, Md.
Thursday, January 19
Report supplied by auction

37 loads, market lower.

Five loads fancy Alfalfa 120.00-142.50; 2 good Alfalfa 90.00-92.50; 4 Alfalfa Mixed 107.00-115.00; 10 Timothy 100.00-127.50; 4 Timothy Mixed 82.50-105.00; 4 Mixed 77.50-114.00; 2 Bromegrass 85.00-93.00; 6 Wheat Straw 75.00-85.00.

New Holland Hay

New Holland Sales Stables
Monday, January 16
Report supplied by auction

255 loads. Market steady.

Alfalfa, gd. quality, 2nd, 3rd cutting, 125.00-150.00, 1 choice, 164.00, some first cutting, 105.00-125.00; Mixed Hay, Clover-Timothy Mix, 95.00-120.00, Timothy-Alfalfa 120.00-140.00; Timothy, 95.00-115.00, few up to 126.00; few lds. grass mix, 90.00-95.00; Straw, 83.00-106.00, mostly 90.00-100.00; Corn, 117.00-137.50, 1 ld. with moisture, 110.00; Clover 101.00; Firewood, 42.00-56.00/pick-up ld.

Good's Hay

Leola, Pa.
Wednesday, January 18
Report supplied by auction

53 loads.

Mixed Hay 85.00-109.00; Straw 95.00-112.00; Alfalfa 86.00-127.00; Timothy 90.00-106.00; Corn 106.00; Oats, 2.55/bu.; Firewood 36.00-49.00/pick-up ld.

Regional Hay

Friday, January 13
Report supplied by PDA

(All hay No. 2 and better, prices paid by dealers at the farm and per ton.)

Hay & Straw steady.

Alfalfa 105.00-135.00; Mixed hay 85.00-100.00; Timothy hay 75.00-100.00; Straw 60.00-80.00; Mulch 35.00-60.00.

Leinbach's Hay

Shippensburg, Pa.
Tuesday, January 17
Report supplied by auction

64 loads.

Alfalfa 100.00-156.00; Mixed 56.00-105.00; Timothy 67.50-101.00; Bromegrass 95.00-110.00; Straw 65.00-85.00; Ear Corn 115.00-137.50; Oats 2.70 bu.

Green Dragon Hay

Ephrata, Pa.
Friday, January 13
Report supplied by PDA

102 Loads Hay and 49 Loads Straw.

Alfalfa 108.00-150.00, few down to 89.00; Mixed hay 81.00-119.00, few to 142.00; Timothy hay 86.00-115.00, few to 145.00; Clover, few 90.00-119.00; Orchard Grass, few 89.00-110.00; Straw 90.00-106.00, few down to 82.00; Ear Corn, 13 loads 118.00-133.00, one load 150.00; Corn Fodder, one load 68.00; Oats, 2 loads 2.05 & 2.99 per bu.

Belleville Hay

Belleville, Pa.
Wednesday, January 11
Report supplied by PDA

34 Loads Hay and 2 Loads Straw.

Alfalfa 87.50-160.00, mostly 97.50-140.00; Mixed hay 85.00-107.50, one load 127.50; Straw, two loads 89.00 & 92.00.

Dewart Hay

Dewart, Pa.
Monday, January 9
Report supplied by PDA

13 Loads Hay and 9 Loads Straw.

Alfalfa, few 80.00-100.00; Mixed hay 51.00-134.00, mostly 61.00-90.00; Straw 51.00-75.00.

Vintage Hay

Vintage Sales Stables
Thursday, January 19
Report supplied by auction

12 loads.

Alfalfa 107.00-135.00; Alfalfa Mix 98.00-125.00; Timothy Hay 95.00-106.00; Straw 90.00-100.00.

Pa. Grain

Tuesday, January 17
Report supplied by PDA

Compared with last weeks market for Southeastern, Central and South Central PA.: Corn steady to 10 cents lower; Wheat unevenly steady; Barley steady; Oats steady to 10 cents higher; Ear Corn unevenly steady to strong.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.55-3.85, average 3.70, New Crop 2.75-3.85; Wheat No. 2 range 3.50-3.80, average 3.68, New Crop 3.30-3.42; Barley No. 3 range 2.60-3.10, average 2.84, New Crop 2.00-2.20; Oats No. 2 range 2.40-2.60, few reported 2.85; average 2.56; Soybeans No. 1 range 6.98-7.40, average 7.27, New Crop 6.60-6.70; Gr. Sorghum #2 range 3.10, average 3.10, New Crop 2.25; Ear Corn range 84.00-125.00, average 100.46.

Central Pa.

Corn No. 2-y range 3.55-3.80, average 3.68; Wheat No. 2 range 3.60-3.90, few reported 4.00, average 3.77; Barley No. 3 range 2.30-2.75, average 2.56; Oats No. 2 range 2.25-2.50, average 2.39; Soybeans No. 1 range 7.00-7.50, average 7.27; Gr. Sorghum No. 2 range 3.40-3.70, average 3.55; Buckwheat range 8.80-9.00, average 8.93; New Ear Corn range 92.00-110.00, few reported 115.00, average 100.33.

South Central Pa.

Corn No. 2-y range 3.55-3.95, average 3.78; Wheat No. 2 range 3.50-3.75, average 3.54; Barley No. 3 range 2.35-3.00, average 2.72; Oats No. 2 range 1.80-2.00, average 2.01; Ear Corn range 95.00-130.00, average 113.88.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.55-3.85, average 3.71; Wheat No. 2 range 3.50-3.90, average 3.69; Barley No. 3 range 2.35-3.00, average 2.73; Oats No. 2 range 2.00-2.60, average 2.38; Ear Corn range 88.00-125.00, average 104.26.

Western Pa.

Corn No. 2-y range 3.40-3.70, average 3.58; Wheat No. 2 range 3.10-3.50, average 3.20; Barley No. 3 range 2.35, average 2.35; Oats No. 2 range 2.00-2.20, few reported 2.40, average 2.15.

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MONDAY

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10:00 AM

11:00 AM

HAY
STRAW
GRAIN

1:30 PM
BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

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1:30 P.M.

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State graded until 12 Noon

THURSDAY

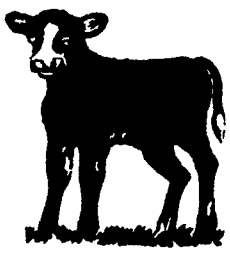
11:00 AM

BULLS -

STEERS -
BEEF COWS

3:30 P.M.

CALVES



SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

St. Louis Cattle

Thursday, January 19

Receipts This Week	4,100
Last Week	5,400
Last Year	4,800

Compared to the previous week's close, slaughter steers fully 2.00-2.50 higher with few late sale 3.00-3.50 higher. Slaughter heifers fully 2.00-2.50, instances 3.00 higher on few late sales. Cows mostly 3.00, instances 4.00 higher. Bulls firm to 1.00 higher. Slaughter supply mainly choice slaughter steers, around 25% heifers, 15% cows.

SLAUGHTER STEERS: Mixed choice and prime 2-4 1050-1325 lbs. 68.00-69.50, few closing sales 70.00-70.50. Choice 2-4 950-1275 lbs. 67.00-69.00, closing 67.50-69.00. Mixed good and choice 2-3 900-1225 lbs. 66.00-67.50. Good 2-3 900-1175 lbs. 64.00-66.00. Mostly good 2-3 1025-1275 lb. holsteins 54.00-59.00.

SLAUGHTER HEIFERS: Mixed choice and prime 2-4 900-1100 lbs. 66.50-67.50, package late at 68.00. Choice 2-4 850-1050 lbs. 65.00-66.50. Mixed good and choice 2-3 800-1000 lbs. 63.00-65.00. Good 2-3 750-975 lbs. 60.00-63.00.

COWS: (Closing Week Sales) Breaking Utility and Commercial 2-4 36.00-38.00. Cutter and boning utility 1-2 36.00-39.00. High yielding boning utility 1-2 39.00-41.00. Canner and low cutter 1-2 33.00-36.00. Shelly canner 1-2 29.00-33.00.

BULLS: Yield Grade 1-2 1050-1900 lbs. 1.00-46.00.

Wednesday's weekly sheep auction. Receipts around 350 head. Demand light to moderate. Supplies uneven in weight and grade, mostly wooled slaughter lambs. Compared to last week, wooled slaughter lambs weak, shorn slaughter lambs firm, feeder lambs steady in a very light test.

SLAUGHTER LAMBS: Mixed choice and prime with No. 1 pelts two lots 80 head 110 lbs. 64.00-64.50. Wooled 80-115 lbs. 53.50-60.00.

FEEDER LAMBS. Choice and fancy 60-100 lbs. 51.00-57.00.

SM 53.50-60.00 SN 53.50-60.00 SO 53.50-60.00 SP 53.50-60.00.

TA 64.00-Only TB None TC 64.00-Only To None

FEEDERS: (Including about 900 at the regular Thursday auction.) Feeder steers and heifers steady. Trading moderately active. Demand good for steers, light to moderate for heifers. Supply 300-800 lb. steers and 300-600 lb. heifers.

FEEDER STEERS: Medium and Large Frame 1: 300-400 lbs. few lots 62.00-64.00; 400-500 lbs. 60.00-67.75; 500-700 lbs. 58.00-64.00, one lot 601 lbs. 66.00; 700-800 lbs. 59.00-62.50.

Large Frame No. 2 Holsteins: Few 475-1000 lbs. 41.00-44.50.

FEEDER HEIFERS: Medium and Large Frame 1: Few 300-400 lbs. 50.00-52.00. Few 400-500 lbs. 48.00-55.00; 500-600 lbs. 50.00-56.00.

EB 60.00-64.00 EC 60.00-68.00 ED 58.00-63.00 EE 60.00-66.00 EF 59.00-62.00 EG Scarce GB 48.00-52.00 GC 48.00-55.00 GD 48.00-58.00 GE Scarce

Keister's Livestock

Middleburg, Pa.
Tuesday, Jan. 17
Report Supplied by PDA

CATTLE 372. Compared with last weeks market, slaughter steers grading Good & Choice $1.75-$2.50 higher, Standard & Good 50 cents-$1 higher. Slaughter cows $1-$3.50 higher. High Choice & Prime slaughter steers 69.50-73, Choice 2-4 950-1300 lbs. 67.00-71.50, High Good to Low Choice 65.50-67, Good 61.00-65, few up to 66.60, few Good & Choice holsteins 57.00-60.85, Standard 52.00-56.50. Choice slaughter heifers 59.50-66.50, couple 69.00, Good 55.00-59, few Standard 45.35-51. Breaking Utility & Commercial slaughter cows 37.85-42.85, few 43.75, Cutter & Boning Utility 35.25-38.50, Canner & Low Cutters 32.25-35.75, Shells down to 26.50. Yield Grade #1 1000-2135 lbs. slaughter bulls 46.35-54.85. FEEDER CATTLE: Lot Large Frame #1 450 lbs. feeder steers at 69.50.

CALVES 168. Individual Prime vealer at 101.00, Choice 80.00-94, few Good 69.00-83, few Standard & Good 110-120 lbs. 50.00-58, 75-100 lbs. 42.00-48, Utility 60-80 lbs. 35.00-42. FARM CALVES: Bulls $25 higher. Holstein Bulls 90-125 lbs. 75.00-104, few down to 50.00, mostly 85.00-100.00.

HOGS 409. Barrows and gilts steady. US No. 1-2 210-235 lbs. barrows and gilts 52.00-53.50, No. 1-3 2-250 lbs. 51.25-52, No. 2-3 190-270 lbs. 50.00-51.25. US No. 1-3 280-600 lbs. sows 40.00-45, few 51.50, No. 2-3 300-600 lbs. 34.00-40. Few Boars 28.00-31.00.

FEEDER PIGS 279. US No. 1-3 20-35 lbs. feeder pigs 14.00-26 per head, No. 1-3 35-55 lbs. 25.00-33.50 per head.

SHEEP 42. Choice 80-115 lbs. wooled slaughter lambs 59.50-63.00. Few Slaughter ewes 18.00-27.00. GOATS 6: Few Large 35.00-55.00 per head.

Monday's markets not covered by PDA due to holiday

Carlisle Livestock Auction

Carlisle, Pa.
Tuesday, January 17
Report supplied by auction

CATTLE: Steers were 4.00 higher with active bidding; Heifers were 1.00 higher; Cows were 3.00 to 4.00 higher and Fat Bulls were 1.00 higher. Steers- Choice 64.00-67.25; Holsteins 58.25-62.75; Good 58.00-63.00; Holsteins 51.75-57.85; Medium 57 down. Heifers- Choice 61.25-64.85; Good 56.25-59.00; Medium 48.00 down. Cows- Strong demand. Utility & Commercial 37.00-42.75; Cutter 34.50-37.50; Canner & Low Cutter 32.00-35.00; Shells 31.00 down. Fat Bulls- Good 50.00-52.75; Medium 43.85-45.75.

FEEDER CATTLE: Light run, prices higher than last week. Steers- Good (500-600 lbs.) 50.00-56.00; Medium 37.00-40.00. Heifers- (200-400 lbs.) Good 55.00-60.00; Medium (460-600 lbs. 47.50-52.50. Bulls- (575-800 lbs.) Good 49.50; Medium 42.00-43.00.

CALVES: Active. Vealers- Choice 80.00-90.00; Good 65.00-80.00; Standard & Good 50.00-65.00; Standard 42.00-55.00; Light or Weak 42.00 down. Farm Calves- Hol. Bulls 90.00-102.00; Hol. Heifers 81.00-90.00.

HOGS: Mostly steady. US No. 1-2 51.00-53.10; US No. 1-3 49.60-51.50; US No. 2-3 46.00-49.50. Boars- 28.00-34.00. Sows- 1.00 lower. US No. 1-3 41.25-46.00; No. 2-3 33.50-40.00.

FEEDER PIGS: US 1-3 (15-25 lbs.) 6.50-15.00 head; No. 1-3 (27-35 lbs.) 18.00-19.00 head No. 1-3 (45-60 lbs.) 20.00-29.00 head.

SHEEP: Lambs- Steady, Good 53.00-63.00. Ewes- 16.00-22.00. Goats- Large 52.00-60.00; Medium & Small 19.00-38.00.

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8 AM - 1 PM
Mondays, Wednesdays, Thursdays & Fridays

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.. Your hogs will be weighed & paid for immediately
.. There will not be a commission or yardage fee
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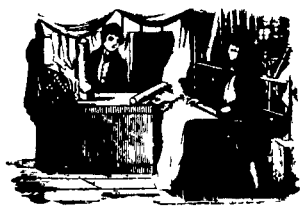
FRI., JAN. 27
1:30 P.M.
AT
WESTMINSTER LIVESTOCK AUCTION
Westminster, Md.
Ph. 301-848-9820

THE OLD FARMER'S ALMANAC

JAN. 23-29, 1984

Too cold for the flivver.

What could be better than an evening sleigh ride now Last quarter of the moon Jan 24 (Tues) Average length of days for the week, nine hours, 47 minutes Eskimo Pie patented Jan 24, 1922 First rope ski tow installed in Woodstock, Vt , Jan 28, 1934 *A closed mouth gathers no foot*



Ask the Old Farmer: I have a copper watering can that is badly tarnished Can you help me? L R , Ego Park, N Y

Try making a thick paste of salt and flour and vinegar, scrub this onto the copper with a sponge, then wash and rinse thoroughly Or you can scour the copper with catsup and then rub with Worcestershire sauce to get it to shine

Home Hints: Spikes added to wooden ladder legs prevent slipping on ice

OLD FARMER'S WEATHER FORECAST

New England: Snowstorm followed by cloudy and cold weather at week s beginning, another snowstorm end of week

Greater New York-New Jersey: Week starts cold with light snow, rain, sleet, and snow rest of week

Middle Atlantic Coastal: Seasonable weather, then sunny and cold by midweek, snow, cold end of week

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Livestock market and auction news

Morrison Cove Livestock

MArtinsburg, Pa.
Monday, Jan. 16
Report supplied by Auction

CATTLE 340: High Choice & Prime slaughter steers 71.50-72.75, Choice 66.50-70.25, Good 62.50-65.25, Standard 54.50-60.50, Utility 44.50-53.75. Choice slaughter heifers 66.50-69.50, Good 62.50-65.75, Standard 56.50-59.75, Utility 42.50-53.75. Breaking Utility & Commercial slaughter cows 41.50-44.75, Commercial 37.50-40.50, Cutter & Boning Utility 35.50-38.75, Canner & Low Cutter 30.50-36.75, Shells down to 28.50. Choice slaughter bullocks 54.50-59.50, Good 50.50-53.50, Standard 42.50-48.50, Utility 35.50-41.50. Yield Grade #1 slaughter bulls 47.50-51.50, #2 41.00-44.50.

FEEDER CATTLE: Choice feeder steers 57.50-60.50, Good 52.50-56.50, Medium 40.50-48.50; Good feeder heifers 55.50-57.50, Medium 34.50-48.50; Good feeder bulls 52.50-56.50, Medium 42.50-48.50.

CALVES 322: Prime vealers 92.50-108.50, Choice 84.50-90.50, Good 72.50-78.50, Standard & Good 110-130 lbs. 62.50-71.50, 90-110 lbs. 45.50-52.50, 70-90 lbs. 44.00-50.50, Utility at 40.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 72.50-110.50; Holstein Heifers 90-130 lbs. 62.50-86.50.

HOGS 334: US No. 1-2 200-250 lbs. barrows and gilts 51.50-52.75, No. 1-3 200-250 lbs. 51.00-51.75, No. 2-3 200-250 lbs. 48.50-51.00, No. 1-3 180-190 lbs. 46.50-48.00. US No. 1-3 300-600 lbs. sows 42.50-48.50, No. 2-3 300-600 lbs. 34.50-44.50. BOARS 28.00-31.50, light weights 31.50-46.50.

FEEDER PIGS 56: US No. 1-3 20-40 lbs. feeder pigs 18.50-26.50 per head, No. 1-3 40-60 lbs. 26.50-38.50 per head.

SHEEP 0: No Sales On Offer.

GOATS 3: 28.50-38.00 per head.

Central U.S. Carlot

Beef Report
Wednesday, January 18
Report supplied by USDA

Compared to Tuesday's 4:00 Report: Choice 3 Steer and Heifer carcasses steady, other grades $1.00 higher. Demand moderate, trading light on light to moderate supplies. The gross boxed beef carcass cut-out value advanced $1.28 to an estimated $113.28 per cwt., 135 loads boxed cuts reported.

Sales reported on 37 loads of Steer and Heifer carcasses.

STEER BEEF
18 Loads
FOB Omaha Basis

Choice 3 600-900 lbs. 108.00, steady.

Good 2-3 600-900 lbs. 105.00, 1.00 higher.

Choice 2-3 600-900 lbs. 99.50 (Hols), late Tuesday.

Good 2-3 600-900 lbs. 95.50 (Hols), late Tuesday.

FOB Amarillo Basis

Good 2-3 600-900 lbs. 105.00.

HEIFER BEEF
19 Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 105.00-106.00, mostly 105.00, mostly steady; 500-550 lbs. 100.00, 1.00 higher; 400-500 lbs. 98.00, 1.00 higher.

Choice 4 500-700 lbs. 99.00, 1.00 higher.

Good 2-3 550-700 lbs. 103.00, 1.00 higher; 500-550 lbs. 93.00; 400-550 lbs. 92.00, 1.00 higher.

COW BEEF
11 Loads
FOB Omaha Basis

Prices $1.50 to $3.00 higher. Demand good for light to moderate supplies.

Brkg Util 2-3 450&up lbs. 64.00 MW.

Bng Util 1-3 400&up lbs. 71.50-74.00, mostly 71.50 MW.

Canner & Cutter 1-2 350&up lbs. 76.00-77.50 MW.

PRIMAL BEEF CUTS
4 Loads
FOB Omaha Basis

Choice 3: Hinds (H) 120-170 lbs. 115.00.

BONELESS PROCESSING BEEF/BEEF TRIMMINGS
137 Loads
FOB Omaha Basis

90% Chem Lean Fresh 104.00-106.50.

85% Chem Lean Fresh 96.00.

50% Chem Lean Fresh 55.50-59.00, late 58.00-59.00.

FOB Amarillo Basis

90% Chem Lean Fresh 104.50-107.00.

85% Chem Lean Fresh 98.00.

50% Chem Lean Fresh 56.00-59.00.

Greencastle Livestock

Greencastle, Pa.
Monday, Jan. 16
Report supplied by auction

CATTLE: Butcher Steers, Choice 69.00-73.00; Medium-Good 55.00-69.50; Butcher Heifers, Medium-Good 45.00-60.00; Butcher Cows, Utility-Good 36.50-43.00, Canners and Cutters 33.00-40.50, Shells down to 28.00; Butcher Bulls, Medium-Good 42.50-57.85; Stock Steers, Medium-Good up to 65.00; Stock Heifers, Medium-Good up to 52.00.

CALVES: Medium-Good Calves 160-220 lbs. 85.00-104.00, 125-160 lbs. 70.00-90.00, 100-120 lbs. 50.00-75.00, 80-100 lbs. 45.00-55.00; Holstein Bull Calves up to 97.00; Holstein Heifer Calves up to 70.00; Light and Green calves down to 35.00.

SHEEP AND LAMBS: Medium-Good Lambs 57.00-60.00.

HOGS: Good-Choice Butcher Hogs 190-225 lbs. 44.00-51.00, 225-250 lbs. 49.00-51.00; Good-Choice Butcher Sows 400 lbs. down, up to 41.00, 400 lbs. up, up to 43.75; Heavy Boars up to 30.00; Pigs, per head 5.00-31.50.

Green Dragon Livestock Sales
1 Mile North of Ephrata, PA

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Lots of good Northern Feeders and Stockers.

SALE EVERY FRIDAY
Bulls, Steers, Slaughter Cows, Lambs and Veal Calves
11:00 A.M.- Beef Sale Stockers & Feeders 200 to 250 each week.
12:30 P.M.- Dairy Cows
7:00 P.M.- Small Animal Sale

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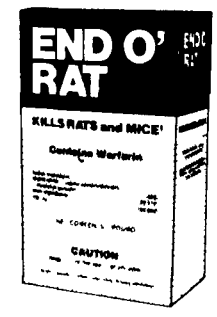

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RD4, Danville, PA

- We will receive your hogs from 8 AM to 12 Noon every Monday. Your hogs will be weighed and paid for immediately.
- We will also accept your sows & boars
- Your cattle will be received from 12 30 to 5 P M We will either pay you for your cattle immediately or you may sell them dressed weight
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day

MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

FRIDAY, FEBRUARY 17
ON THE FARM MONTHLY
BRED GILT SALE
Sale to Start Promptly at 1:00
Every 4 Weeks

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road. Watch for sale arrows.

50 to 60 Head
Now selling our new hybred gilts representing mostly York & Hampshire & Landrace cross. Bred for easier & Less trouble over farrowing and better weight gains.

Validated Brucellosis Free Herd #169
Qualified Pseudorabies Free Herd #55

Hand mated with Breeding Dates

Local Trucker Available
No Hogs Sold On Commission

CHRIST A. BEILER
R D 2, Quarryville, Pa
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa
Abe Diffenbach, Auctioneer

NEXT SALE DATE MARCH 16

Livestock market and auction news

VIRGINIA MARKETS

Virginia Auction Summary

January 12-18
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 2,803.

TREND: Steady to $3 higher.

Southwestern, Va.
Auction Summary
January 12-18

STEERS: 300-500 lbs. Medium 1 57.00-69.50; Large 1 58.00-66.00; Small 1 58.00-68.00. 500-700 lbs. Medium 1 56.00-65.50; Large 1 60.00-65.50; Small 1 51.00-58.00. 700-1000 lbs. Medium 1 53.00-63.00; Small 1 54.00.

HEIFERS: 300-500 lbs. Medium 1 45.50-54.50; Large 1 45.50-55.50; Small 1 42.00-49.00. 500-700 lbs. Medium 1 45.00-51.75; Large 1 47.50-53.25; Small 1 44.00-50.50; 700-900 lbs. Medium 1 40.50-48.50; Large 1 44.00-52.75.

Northern Va.
Auction Summary
January 12-18

STEERS: 300-500 lbs. Medium 1 56.50-68.00; Large 1 59.00-69.00; Small 1 56.00-57.50. 500-700 lbs. Medium 1 59.50-69.75; Large 1 64.75-65.50; Small 1 49.00-62.50. 700-1000 lbs. Medium 1 51.25-62.00; Large 1 55.25-58.00.

HEIFERS: 300-500 lbs. Medium 1 43.00-53.00; Large 1 48.00-53.00; Small 1 43.50-48.00. 500-700 lbs. Medium 1 44.00-52.25; Large 1 49.00-54.50; Small 1 47.00-48.00. 700-900 lbs. Medium 1 44.00-51.25; Small 1 44.25.

Southeast Va.
Auction Summary
January 12-18

STEERS: 300-500 lbs. Medium 1 54.00-55.00; Large 1 56.00-61.00. 500-700 lbs. Medium 1 54.00-60.00; Large 1 53.50-56.00.

HEIFERS: 300-500 lbs. 48.00-55.00; Large 1 51.50-54.00. 500-700 lbs. Medium 1 46.00-47.00. 700-900 lbs. Medium 1 46.00.

Four States Livestock

Hagerstown, Md.
Wednesday, January 11
Report supplied by auction

SLAUGHTER: Fed Steers- Steady. Low Choice 61.50; Good 57.00-61.00; Medium 56.00 down. Heifers- $3.00 higher; Choice 60.00-65.00; Good 52.00-59.00; Medium 51.00 down. Cows- Good run, very active, $4.00 higher. Individual at 45.25; High Yield 39.00-42.00; Average 34.00-38.00; Big Middle 29.00-33.00; Fatty Herf 28.00-32.00; Shelly 31.00 down. Fat Bulls- Steady prices; Good 47.00-50.00; Medium 42.00-46.00. Veal Calves- Choice $6.00 higher, Light and Farm Calves steady. Choice 95.00-109.00; Good 85.00-94.00; Medium 65.00-84.00; Farm Hfrs. 48.00-60.00; Farm Bulls 80.00-100.00; Light & Weak 41.00 down.

STOCKER: Steers 300-550 lbs.- Choice 57.00-60.00; Good 52.00-56.00; Medium 45.00-51.00; Culls 44.00 down. Steers 600-850 lbs.- Choice 55.00-58.00; Good 50.00-54.00; Medium 49.00 down. Heifers- (All weights) Choice 47.00-48.50; Good 43.00-46.00; Medium 42.00 down. Springing Heifers- to 460.00. Pigs, Hd- Very active, steady prices. 20-30 lbs. 10.00-19.00; 40-60 lbs. 20.00-26.00. Shoats by Lb.- 32.00-37.00. Slaughter Hogs- Good run, $2.00 higher. 220-240 lbs. 51.30-52.25; 245-260 lbs. 50.50-51.85; 300-360 lbs. 39.00-41.00. Sows- 500-600 lbs. 41.00-45.50; 300-450 lbs. 37.00-40.00.

Lebanon Valley Livestock

Fredericksburg, Pa.
Tuesday, Jan. 17
Report Supplied by PDA

CATTLE 231. Compared with the market two weeks ago: Few Choice slaughter steers 67.10-70.00, few Good 62.10-66.10, few Good & Choice holsteins 57.25-61.85, Standard 52.00-57, Utility & Low Standard 37.00-49.75. Individual Choice slaughter heifer at 66.00, few Good 55.75-58.75, few Standard 53.25-54.75, few Utility 41.00-47.85. Breaking Utility & Commercial slaughter cows 39.75-42, few 43.00, couple 46.75&49.25, Cutter & Boning Utility 34.75-39.85, few 41.10, Canner & Low Cutter 30.00-36.50, few Shells down to 15.00. Few Good slaughter bullocks 52.00-56.35, Standard 45.00-51.50. Few Yield Grade #1 1560-1970 lbs. slaughter bulls 50.50-52.

CALVES 252. Few Choice vealers 85.00-104, Good 65.00-79, Standard & Good 90-120 lbs. 51.00-55, few 59.00, 60-85 lbs. 45.00-51, few down to 39.00, few Utility 60-100 lbs. 30.00-40.

FARM CALVES: Holstein Bulls 90-140 lbs. 63.00-105, mostly 80.00-100; Holstein Heifers 90-120 lbs. 53.00-86.00.

HOGS 190. US No. 1-2 215-260 lbs. barrows and gilts 50.35-52, 205-215 lbs. 49.00-49.50, No. 2-3 310-355 lbs. 38.00-41.75, No. 1-3 135-165 lbs. 30.50-35.50, 188-199 lbs. 44.35-45.60. US No. 1-3 310-520 lbs. sows 37.50-41.50, No. 2-3 250-480 lbs. 30.00-34, Medium 255-310 lbs. 25.00-32.00. BOARS 26.00-30.25, light weights 28.00-33.25.

FEEDER PIGS 16. Not enough of any one grade to establish a market.

SHEEP 2. Individual Good 75 lbs. wooled slaughter lamb at 48.00. One Slaughter ewe at 17.00. GOATS 1: 28.00 per head.

Oklahoma Cattle

Wednesday, January 18
Report supplied by USDA

Estimated Receipts	3,200
Same Day Last Week	10,129

Trade moderately active, Feeder Steers and Heifers steady; Heifers in limited test. Bulk of receipts Medium Frame 1 and Mixed 1-2 500-850 lb. Feeder Steers.

FEEDER STEERS: Medium Frame 1, few 385-500 lb. 68.10-71.50, few 500-575 lb. 66.50-68.40; 600-700 lb. 66.60-69.40; 700-800 lb. 65.25-68.90; 800-900 lb. 64.00-67.80. Small Frame 1 475-700 lb. 60.70-65.05. Medium and Large Frame 1-2 400-500 lb. 64.50-68.30; 500-600 lb. 64.55-68.30; 600-700 lb. 63.75-64.75; 700-800 lb. 62.80-65.05; few 825 lb. 61.10-64.10. Medium and Large Frame 2 Pkg. 550 lb. 62.25; 675-850 lb. 57.20-60.55. Large Frame 2 Holsteins lot 460 lb. 46.00; 660 lb. 49.40; 855 lb. 48.25; 1010-1015 lb. 45.90-46.95.

FEEDER HEIFERS: Medium Frame 1 550-600 lb. 61.50-61.80 in limited test; 670-680 lb. 61.70-62.50; 700-725 lb. 58.90-62.80. Medium and Large Frame Mixed 1-2 375-500 lb. 52.20-54.05; 500-600 lb. 52.75-56.60; 600-725 lb. 53.10-57.70. Medium and Large Frame 2 350-500 lb. 51.60-53.10.

Thursday, January 19

Weekly Cattle Summary. For the week, Feeder Steers firm to 1.00 higher, Feeder Heifers steady to firm. Slaughter Cows 2.00-4.00 higher, several 2.50-3.00 up. Bulls firm to 1.00 higher. Breaking-Utility and Commercial 2-4 Slaughter Cows 36.00-39.75; Cutter and Boning-Utility 1-2 32.25-37.50; Canner and Low-Cutter 27.00-31.70, several 28.50-31.50. Bulls YG 1-2 1250-1500 lb. 42.00-49.00, clustering 43.50-47.50; few 1500-1800 lb. 47.50-51.00. Receipts this week near 11,400, Weather and road conditions curtailing numbers. Last week's actual count 21,870 head, last year 14,052. Feeder Steers and Heifers made up 91 percent of total run; Cows and Bulls 9 percent.

Central U.S. Carlot

Pork Report
Wednesday, January 18
Report supplied by USDA

Compared to Tuesday's 4:00 report: Fresh Pork Loins 14-17 lbs. Regular Trim $1.00-4.00 higher, 17-22 lbs. $2.00-3.50 higher. Boston Butts $4.00-5.50 higher. Spareribs firm light test 3.5/down lbs. Skinned Hams 17-20 lbs. $1.00 higher. Frozen Sdls Bellies 16-18 lbs. steady to $2.00 higher. Trading moderate. Demand moderate to good for moderate offerings.

Sales reported on 60 loads of Fresh Pork Cuts and 14 loads of Trimmings and Boneless Processing Pork.

FRESH PORK CUTS

LOINS: (Regular) 14-17 lbs. 104.00-108.00, loads 103.50, 1.00-4.00 higher; 17-22 lbs. 101.00, 2.00-3.50 higher.

LOINS: (Frozen) 16-19 lbs. 91.00, no comparison; 19-22 lbs. 88.00, no comparison.

LOINS: (Retail Trim) 14-17 lbs. 117.00-118.00, firm.

PICNICS: 4-8 lbs. 54.00-56.00, no comparison.

BOSTON BUTTS: 4-8 lbs. 74.00-76.00, 4.00-5.50 higher; 4-8 lbs. 72.00, frozen, no comparison; 8&up lbs. 75.00, no comparison.

SPARERIBS: 3.5/down lbs. 111.00-114.00, firm; 3.5-5.5 lbs. 95.00-100.00, no comparison.

HAMS (Skinned): 14-17 lbs. 72.00-72.50, firm; 17-20 lbs. 71.00-73.00, bulk 71.00, 1.00 higher.

BELLIES (Sdls - Skin On): 4 Mixed Weight Loads. 12-14 lbs. 71.00 PLS; 14-16 lbs. 71.00 PLS; 16-18 lbs. 69.00-70.00 PLS; 16-18 lbs. 62.00-64.00, frozen, steady-2.00 higher.

PORK TRIMMINGS/ BONELESS PROCESSING PORK (Chemical Lean)

42% Lean Trimmings Fresh 44.50, no comparison.

72% Lean Trimmings Fresh 69.00-70.00, no comparison.

72% Lean Trimmings Frozen 70.00-71.50, no comparison.

Bnls Picnics Fresh 70.00-72.00, steady-2.00 higher.

Bnls Picnics Frozen 73.00.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, January 16
Report supplied by auction

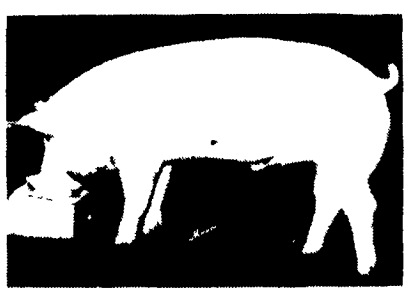
Holstein Hfr. Calves to 77.00; Veal Calves 65.00-93.00; Vealer Bull Calves 80.00-114.00; Slaughter Calves 40.00-55.00; Grassers & Feeders 30.00-49.00; Lambs 45.00-54.50; Sheep 15.00-27.00; Hogs, 200 to 250 45.00-50.50; Sows 36.00-40.50; Boars 25.00-32.00; Pigs 10.00-21.00; Heifers 36.00-44.00; Steers, holsteins 38.00-49.75; Steers, feeder 36.00-49.00; Bulls 43.50-48.75; Cows, utility 37.00-40.25; Cows, fat 36.50-39.00; Cows, medium 34.50-36.00; Cows, poor or small 29.00-32.50; Cattle Market higher; Calf Market higher; Horses small to 190.00; Ponies none; Goats 2.50-60.00; Hay 80.00 per ton; Rabbits 4.00-7.00.

Hamp-York

Production Sale
Sat. Feb. 4, 1984

1 P.M. on the farm
40 Hamp & York Boars
75 Hamp & York & Cross Gilts 25 Bred Gilts
Boars will have SCANDATA

Fieldman - Jack Ficken Ringman - Randall Updike, Henry Holloway



Litter 122-8 sired by Chug

Litter 122-6 sired by Chug

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SOUND CUSTOMER RELATIONS

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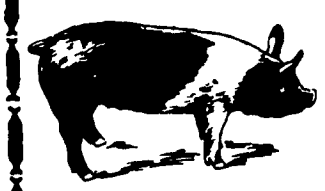
BENUEL R. STOLTZFOOS
Bird-In-Hand RD #1 Box 179, Pa 17505



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Sold on Commission
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L. Robert Frame, Manager
For information
717-442-4181
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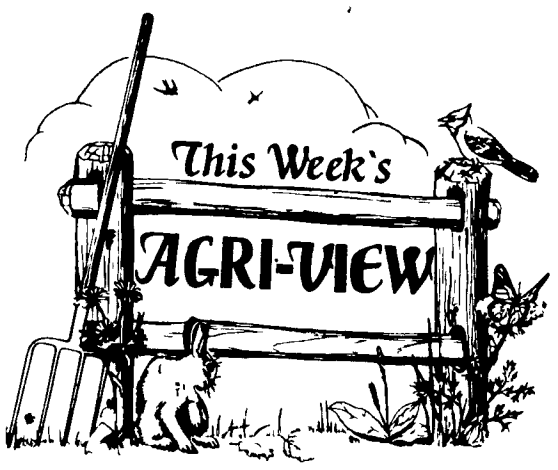
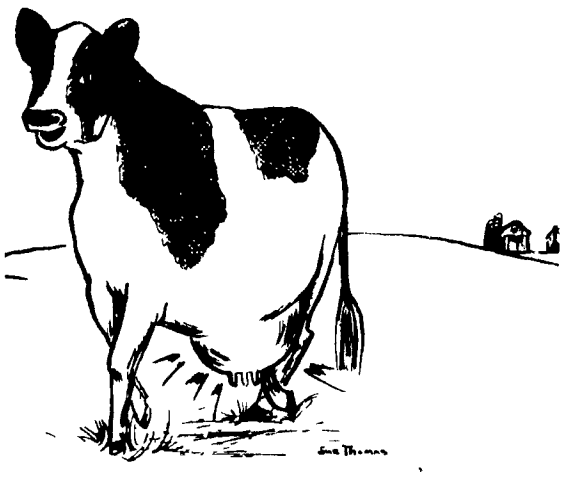




Oh, I hope dairymen DO it and relieve some of this pressure and pain.

An Ode to DO

BY DICK ANGLESTEIN

The U.S dairy industry
is like one big, swollen udder,
With the nation swimming
in excess milk, cheese and butter

This trend has continued
for a number of years,
As surpluses continued to grow
despite everyone's mounting fears

From time to time
the fed issued a warning sign,
Futilely attempting to keep
the market situation in line

Reagan and Block would murmur
an occasional get-tough stance
But they backed off, saying
"We'll give you one more chance"

A new program was announced
in time for dairying by the Bay,
Old Ronnie couldn't resist making
just one more bale of political hay

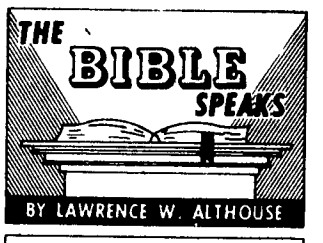
The bureaucrats got together
and wrote a mountain of rules,
Which ended up being even bigger
than the surplus milk pools

They handed the whole plan
over to the people at ASCS,
Who are supposed to interpret
the complicated verbal mess

The call to sign up
went out across the land,
As farmers huddled with computer
their modern, electronic farmhand

Of advice and help
for dairymen there is no lack,
But each alone must face
the issue of cutting back

The big question now
is whether dairymen will DO it,
Or will they come back and say
"Well, once again we blew it"



HORSES ARE FLESH
January 22, 1984

Background Scripture:
Isaiah 30 through 31.
Devotional Reading:
Psalm 107:1-9.

If your mind is already made up on the subject of military preparedness and the arms race, maybe you'd do just as well to skip Isaiah 30 through 31. You may not like what Isaiah has to say and, even if your response is not one of hostility, his words may at least prove unsettling.

RELY ON HORSES

Judah is a comparatively tiny country. So, when threatened by the mighty Assyrians, Judah attempts to make mutual defense treaties with some of the more powerful powers of the Middle East, chiefly Egypt.

Today, you and I would likely say that that is just smart diplomacy. Survival in this world means a strong national defense and protective alliances. Even a country as powerful as the United States cannot "go it alone."

So we can understand how upsetting was Isaiah's prophecy to the nation of Judah: "Woe to those who go down to Egypt for help and rely on horses, who trust in chariots because they are many and in horsemen because they are very strong;; (31:1a)! Judah's only hope of survival in the face of the powerful Assyrian Empire was its alliance with mighty Egypt. How could Isaiah even think of critizing this vital alliance?

But Isaiah was not criticizing the alliance on political grounds. The prophet's concern was a spiritual problem, not one of diplomacy The problem was that Judah was placing its trust in creatures instead of the creator: "The Egyptians are men and not God; and their horses are flesh and not spirit" (31:3).

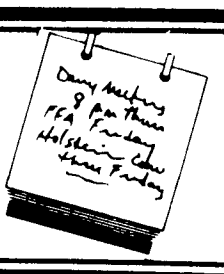
AS A LION

The source of Judah's security is God himself and he chastises the leaders of Judah because they "do not look to the Holy One of Israel or consult the Lord!" (31:1b). Whereas their Egyptian allies are but human and prone to "stumble" and "perish" (31:3), Good likens himself to a lion who "growls over his prey, and when a band of shepherds is called forth against him is not terrified by their shouting or daunted at their noise..."(31:4).

The issue is simply drawn for Judah: Trust in God for your national security, not alliances, not weapons nor military might. We know that Judah failed to heed his warning and the disaster to the nation was great.

How would we respond if God were making that same pronouncement to us concerning our reliance on nuclear warheads and political alliances? And how do we know that He isn't saying to us what he said through Isaiah to Judah?

Farm Calendar



Saturday, Jan. 21

New Jersey Farmers' Week, continues through next Saturday.

Monday, Jan. 23

York County swine health diseases and prevention, 4-H Center, 7:30 p.m.

Adams County corn clinic, 9 a.m. - 3 p.m., McSherrystown Fire Hall.

Third Annual Keystone Cornucopia, 6:30 p.m., Penn Harris Motor Inn.

Adams County Beekeepers workshop, 7:30 p.m., Vo-Ag Shop, Biglerville.

Chester County milk diversion informational meeting, 10:30 a.m., Cochranville Fire Hall.

Tuesday, Jan. 24

Endless Mountains Maple Syrup Producers annual meeting, 10:30 a.m. - 3 p.m., United Church of Christ Overton.

Delaware Vegetable Growers, Sheraton Inn, Dover, Del., continues tomorrow.

N.J. State Ag Convention, Cherry Hill Inn, continues tomorrow.

Cattle Feeders Day, Lancaster Farm and Home Center, 8:30 a.m. - 3:30 p.m.

Processing vegetable growers, 1-3 p.m., Schuylkill Mall Community Room, Frackville.

Interstate Milk Producers District 3, Chestnut Level, 11:45 a.m.

Cumberland County Extension Annual Meeting, 7 p.m., South Middleton Fire Hall, Boiling Springs.

Penn Manor Young Farmers meeting on Milk Diversion, 7:30 p.m., Penn Manor High School ag classroom.

Wednesday, Jan. 25

York-Lancaster commercial vegetable marketing session, Avalongs, 10 a.m. - 3 p.m.

N.J. marketing institute, Cherry Hill Inn.

York County Corn Clinic, 10 a.m. - 3 p.m., 4-H Center.

Berks County Dairy Nutrition School, continues tomorrow.

Bucks-Montgomery Crops Day, 10 a.m., Lansdale 4-H Center.

Mt. Joy Co-op Annual Dinner Meeting, noon, Hostetter's Dining Room, Mt. Joy.

Thursday, Jan. 26

Cumberland Corn Clinic, 9 a.m. - 3:15 p.m., Embers, Carlisle.

Delaware strawberry, raspberry & blackberry meeting, Mt. Pleasant.

N.J. Dairy Interests Luncheon, Charlie's Other Brother, Mt. Holly.

Canners-Fieldman vegetable meeting, Pleasant Acres, York, 9:30 a.m. - 3 p.m.

(Turn to Page A12)

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717 394 6851

To Be Aware Of The Meeting Season

This is the time of year that a lot of educational meetings are held. And, they're held during this season of year for a good reason — you have more time to attend meetings. During the spring, the summer and into the fall, there's just too much field work that must be done. Take the time to become acquainted with the meetings of interest to you and your operation. Some meetings are designed to reach certain production groups such as Dairy Days, Livestock Day, Crops and Soils Day and Poultry Day, but others are programmed to reach all agri-business people like the Manure Management, Estate Planning and Farm Transfer Arrangement meetings.

Also, many agri-business and leading institutions conduct meetings to keep you abreast of the changes in their organizations. We urge you to mark your calendar as these meetings are announced and attend as many as possible.

For An Avial Influenza Up-Date

Readers outside the Avian Influenza quarantine area are asking how things are going. The information here will be as of January 17, 1984. To that date there have been 9.6 million birds depopulated which includes 5.8 million layers and started pullets, 219,000 breeders, 3.45 million broilers, 84,000 turkey and 47,000 other fowl. A tragic loss. A total of 239 flocks have been depopulated.

Veterinarians have collected a wide variety of birds and rodents for virus isolation attempts for avian influenza. Of the 3,086 samples taken, 2,312 have been confirmed — all negative for H_5N_2 virus; the balance are pending.

The financial losses reach far beyond the bird losses. The loss of income to the farmer, the hatchery sales losses, the feed sales losses and the many other supportive industries to the poultry farmer. It will take everyone working together for this industry to recover — and yes, it will recover.

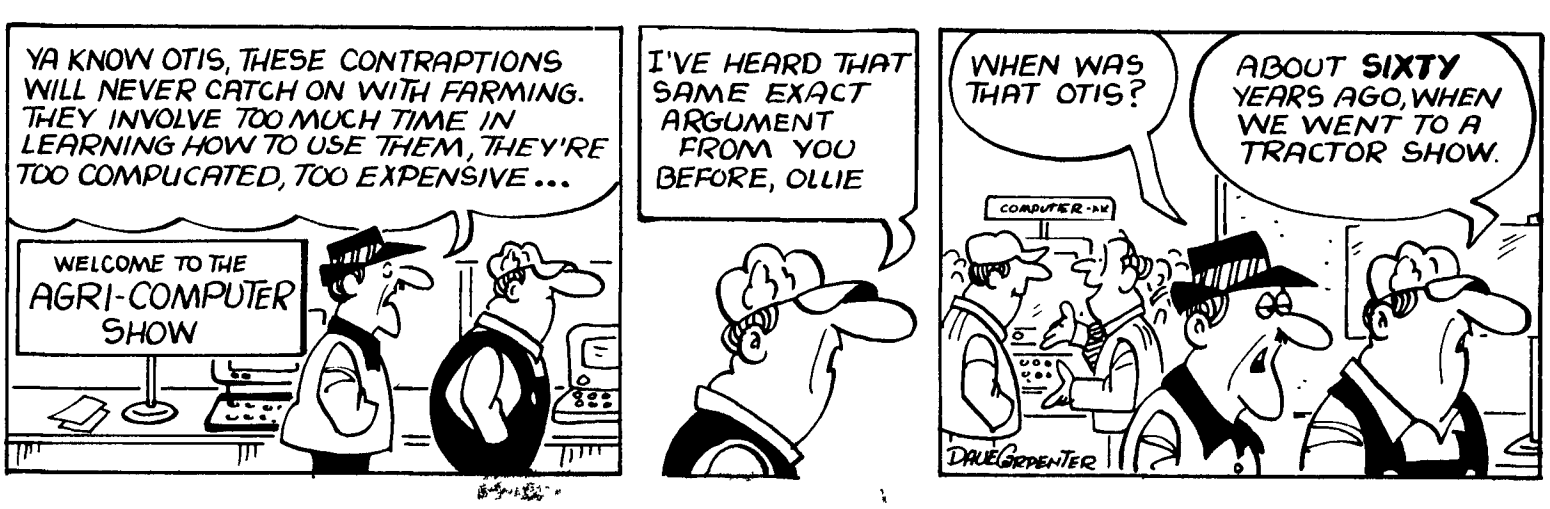
To Recognize Fertilizer Values

Since the cost of commercial fertilizers continues high, we should take a look at other sources of plant food; I am referring to farm manure and legume sods in the crop rotation.

The 1983-84 Agronomy Guide gives a very good comparison of these fertilizer values on page twelve. With the amount of manure that is being applied to some of our livestock and poultry farms, it is quite possible that very little commercial fertilizer will be needed.

(Turn to Page A12)

Otis


YA KNOW OTIS, THESE CONTRAPTIONS WILL NEVER CATCH ON WITH FARMING. THEY INVOLVE TOO MUCH TIME IN LEARNING HOW TO USE THEM, THEY'RE TOO COMPLICATED, TOO EXPENSIVE...
WELCOME TO THE AGRI-COMPUTER SHOW
I'VE HEARD THAT SAME EXACT ARGUMENT FROM YOU BEFORE, OLLIE
WHEN WAS THAT OTIS?
ABOUT SIXTY YEARS AGO, WHEN WE WENT TO A TRACTOR SHOW.
COMPUTER-INK
DAVE GREENTER

BLADEX SUPERFORMANCE™

Herbicide Performance Characteristics	Bladex	Lasso*	Dual*	Sutan+*
1. Excellent residual control of surface germinating grasses in heavy crop residue.	YES	NO	NO	NO
2. Controls 55 grasses and broadleaves.	YES	NO	NO	NO
3. Most economical tank mix with atrazine.	YES	NO	NO	NO
4. Controls fall panicum after emergence.	YES	NO	NO	NO
5. Excellent burndown of emerged weeds in heavy crop residue.	YES	NO	NO	NO
6. Can end the need for paraquat or other contact herbicides.	YES	NO	NO	NO

*Reg TMs Lasso—Monsanto Co Dual—Ciba Geigy Corp Sutan+—Stauffer Chemical Co

Only Bladex gives you all these advantages in heavy crop residue.

If your corn herbicide cannot "answer yes" to all the superior weed control advantages shown in the chart above, consider Bladex* herbicide:

1.

Bladex gives excellent control of surface germinating grasses in heavy crop residue. It stops grasses like fall panicum and foxtails which can germinate in the surface trash and escape from grass herbicides that work through shoot uptake. And because of its root uptake action, Bladex provides more effective residual control of both grasses and broadleaves.

2.

Bladex alone controls 55 weeds—14 grasses and 41 broadleaves—more than any other corn herbicide. The list includes die-hard foxtails, fall panicum, crabgrass, annual morningglory, smartweed, velvetleaf and nightshade.

3.

Bladex with atrazine is the most economical atrazine tank mix you can use. Added savings result because Bladex can end the need for expensive contact herbicides.

4.

Bladex is the only post-emergence corn herbicide labeled for controlling fall panicum after it has emerged.

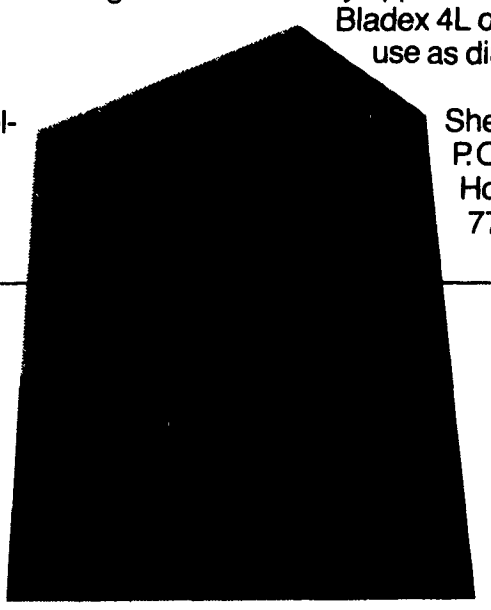
5.

Bladex delivers excellent burndown of emerged weeds, up to three inches tall, in heavy crop residue. This can be an important advantage on fields which have no spring tillage.

6.

Using Bladex for burndown weed control on no-till acres can end the need for paraquat or other costly contact herbicides. Even hotter burndown is achieved when Bladex is applied with 2-4D and/or liquid fertilizer containing nitrogen.

This year, more than ever, get all the high performance weed control you can muster with Bladex at new federally approved rates. Ask for Bladex 4L or 80W. Always use as directed.



Shell Chemical Co.,
P.O. Box 3871,
Houston, TX
77001.

So right for the times.

PFA calls for hunting season changes

CAMP HILL — The Pennsylvania Farmers' Association had called upon the Pennsylvania Game Commission to delay the start of small game seasons and to extend antlerless deer and bear seasons this year to alleviate farmers' crop damage by game animals.

In recent testimony presented by PFA's Associate Administrator Charles Mohn, the statewide general farm organization urged the changes be made as," . . .an expression of gratitude by the sportsmen for the farmers making their land available to them to enjoy their recreation."

Mohn told the commission. "We feel the farmers are asked to put up with the sportsmen for too long a period of time." PFA recommends small game season be delayed two weeks until Nov. 3 and rabbit and pheasant hunting be set back one week until Nov. 10.

Mohn also said PFA believes an overabundance of deer continues to cause crop damage problems for farmers. Accordingly, PFA is recommending that this year's antlerless deer season be extended to three days instead of two. PFA also called for both the antlered and antlerless deer seasons to be delayed one week until Dec. 3 and Dec. 17, respectively.

Mohn said, "Recent studies indicated the ag community contributed better than $30 million annually to support the deer herd. Since this study, prices advanced and it could be in excess of $35 million at the present time - more than the license fees that the sportsmen contribute to the commission. The farmer feels he is receiving little or no consideration for his contribution to the maintenance of the herd. I think we all agree that killing deer for crop damage is not the answer. We need to control the herd by giving the sportsmen a longer season resulting in more deer harvested."

Mohn said farmers are also suffering considerable bear damage and recommended that bear season be extended to three days. He added that statewide crop damage due to elk herds does not seem significant at present. PFA is recommending that the commission fence in the elk herd on public lands.

OUR READERS WRITE, AND OTHER OPINIONS

ORGANIC FARMING IS A WINNER

Dear Editor:

The current domination of chemical farming methods on American agriculture is causing many serious problems. All life on this earth is interrelated and the poisons that are sprayed on insects and weeds will also hurt wildlife, livestock and people. The increasing addition of toxic, man-made substances into our environment has to be the cause of why the U.S. population continues to get vastly increasing numbers of cases of cancer, leukemia, birth defects and liver ailments.

A major culprit is no-till farming. It creates an unhealthy environment for crops and, as a result, huge ever-increasing amounts of herbicides and insecticides must be dumped on the soil to try to stop the legions of invading weeds and insect pests. No-till is being promoted as a soil conservation tool, but nothing could be further from the truth. Poisoning the soil, stripping everything off the land and not planting cover crops cannot be conserving the soil. And greater amounts of energy are used to manufacture the no-till chemicals than are used in conventional cropping. These chemicals are so deadly that hunters complain that they can't find any game to hunt in the farm areas.

One reason we are having trouble exporting grain to foreign countries is that they know our grain has low nutritive value and is contaminated with chemicals. Livestock and poultry today are raised in crowded factory farms. The swine and poultry are crammed into cages and never see the light of day. Because of this heavy concentration of animals, diseases run rampant and the livestock must be pumped full of drugs and antibiotics. They are also loaded with hormones and all kinds of chemicals to produce. Modern farming is truly filthy. You can't take a pleasant country ride anymore because the air reeks with the stench of powerful agricultural chemicals and chemicalized manures.

I know that these methods of farming are wrong and that none of this insanity and destruction is necessary. My family has been in farming for over 100 years, so I know a lot about agriculture. To prove that there is an alternative way to farm and that naturally grown crops are of top quality, we entered some of our organically grown produce in the 1984 Pa. Farm Show.

Despite this past summer's fierce heat and drought, we won ribbons in a wide vareity of categories. Absolutely no pesticides, herbicides, hormones, etc. were used to grow them. We won first prize in turnips (second year in a row), other type squash and root parsley, third prize in shelled field corn (60.2 lbs. bushel test weight), onions, sweet potatoes and medium wool, fourth in Indian corn (stalks over 10 feet tall and only watered once), oat hay, late cutting grass hay (tested 19.3 percent protein), face and sugar pie pumpkins, dry beans and medium wool, and fifth in first cutting grass. In last year's show we won first prize in turnips and wool, second in face and fourth in neck pumpkins. Let no one say that organic farming doesn't work.

In addition to organic crops having high quality and nutrition, the non-use of expensive ag chemicals cuts their production cost down greatly. There is a large demand from the public for clean food and it is growing all the time. When you spray, you are poisoning yourself, your family, animals, our society and future generations. Reduce your dependence on chemicals, give nature a chance to help you and you'll receive a bounty of rich harvests, good health and the pride that comes from raising wholesome food.

James Smith
Shippensburg

Farm Calendar

(Continued from Page A10)

Guernsey special sale, 12:30 p.m., Guernsey Sales Barn, Lancaster.

Lancaster Farm and Home Foundation annual dinner meeting, 6:30 p.m., Farm and Home Center.

Cecil County no-till breakfast, 7:45 a.m., Schaefers Canal House, Chesapeake City, Md.

Adams County milk marketing workshop, 7:30 p.m., vo-ag room. Bermusian Springs High School.

Del. Assn. of Nurserymen, 8:30 a.m. - 4 p.m., Sheraton Inn, Dover.

Friday, Jan. 27

Vegetable Production meeting, 9 a.m., Penn State Fruit Research Lab. Biglerville.

Saturday, Jan. 28

York County 4-H beef banquet, 7 p.m., Seven Valleys.

N.J. dairy goat luncheon, Ryland Inn.

Now is the Time

(Continued from Page A10)

Alfalfa sod can add as much as 75 pounds of nitrogen per acre. That is one advantage to having legumes in the crop rotation.

A complete soil test will reveal the needs of each field. Then the needs can be met by using farm manures, legume sods, or commercial fertilizer. Careful handling and storage of manure will preserve many of these valuable fertilizer elements.

To Provide Supplemental Heat

This is the time of year when many pigs and lambs are being born into cold quarters. If the newborn animal becomes chilled that first hour, it will be in trouble. Many digestive and respiratory problems can develop.

We urge producers to provide heat lamps, or some other source of heat, for these animals the first few days. Modern farrowing barns already have supplemental heat units that provide the proper temperature to get little pigs off to a good start. However, many sheep barns are too cold for little lambs.

The placing of a heat lamp over the small pen in which the ewe and lamb are kept for the first few days will be helpful. Be careful that the heat lamp is well attached and out of the reach of animals.

Hamilton Bank supports Agricultural Education.

On January 25th, Hamilton Bank will once again help to support the annual York County Corn Day at the York County 4-H Center near Bair.

MORE FOR YOUR MONEY MORE FOR YOU℠

HAMILTON BANK®
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Livestock market and auction news

Apple Market News

Tuesday, January 17
Report supplied by PDA

Demand is fair to good. The market is about steady. Movement this past week remains constant with the week before with 14,084 cases of bagged apples sold and only 1570 cases of traypacks moved. These figures are the result of a survey of 10 grower, packers & shippers.

Export of apples has been one alternative some growers have used to improve sale of apples. As reported by the inspection service of the Fruit & Vegetable Division, Bureau of Markets, 51890 cases of apples have been exported from Pennsylvania from September 1 through last week. Pennsylvania apples have been sold in Columbia, Brazil, Honduras, Panama, Trinidad, Norway and the United Kingdom. It might be interesting to note here that the leading variety of apples produced in Europe is Golden (35.4%) and the runnerup is Red Delicious (13.3%). Total production in Europe in 1983 was 6,446,000 tons and this was 75% of the 1982 crop.

Summary

Prices quoted below are wholesale, truckload, f.o.b. prices at the orchard or packing house on Pennsylvania apples.

Bagged apples (12/3 lb.): Red Delicious U.S. Fancy 2¼" - mo. 6.00, some 5.50, few 6.25; Red Delicious U.S. Fancy 2¾" 7.50; Red Delicious U.S. Extra Fancy 2¼" 6.50-7.00.

Golden Delicious U.S. Fancy 2¼", mo. 6.00, some 5.50; Golden Delicious U.S. Fancy 2¼" spec. storage - few 6.25-6.50, few 7.00.

Red Rome U.S. Fancy 2¼" - mo. 6.00, some 5.50, few 6.25-6.50; Law Romes U.S. Ex. Fancy 2¼" - 6.50-7.00; Red Romes U.S. #1 2¼" Generic Pack - 6.00.

Stayman U.S. Fancy 2¼" - 5.50-6.00, mo. 5.50, few 8.00.

York U.S. Fancy 2¼" - 5.85-6.00.

Traypcaks: Red Delicious Comb. Fancy / Ex. Fancy 100's-113's - 10.00.

Red Romes Comb. Fancy & Ex. Fancy 88's - 9.00; Red Romes Comb. Fancy & Ex. Fancy 100's - 8.50; Red Romes Extra Fancy 100's - 10.00.

Stayman Comb. Fancy & Ex. Fancy 125's - 11.00; Stayman Comb. Fancy & Ex. Fancy 113's & larger - 12.00.

Yorks Comb. Fancy & Ex. Fancy 113's - 9.00; Yorks Comb. Fancy & Ex. Fancy 100's & larger - 10.00.

Joliet Cattle

Thursday, January 19

Friday through Wednesday's salable receipts 2,100; 5 days last week 2,222; same period a week ago 3,091. Trading moderate on Monday; active on Wednesday. Slaughter steers ended the week 1.00 to 1.50, instances 2.00 higher compared with Wednesday of last week. Slaughter heifers ended the week 1.50 to 2.00 higher. Cows ended the week mostly steady. The week 1.50 to 2.00 higher. Cows ended the week mostly steady.

SLAUGHTER STEERS: Choice few Prime 3-4 1250-1360# 71.50-72.75 Monday; 1 load on Wednesday 74.00. Choice 2-4 1050-1350# 67.50-71.50 Monday; 69.00-72.00, load 72.50 Wednesday. Mixed good and choice 2-3 1000-1250# 66.00-68.00, mostly 67.00-68.00 Monday; 68.00-69.00 Wednesday.

SLAUGHTER HEIFERS: Choice few loads with a prime end 2-4 950-1100# 67.00-68.50, load 69.00 Monday; 68.00-69.50, load 70.00 Wednesday; 850-950# 65.50-66.50 Monday. Mixed good and choice 2-3 850-1000# 64.00-65.50 Monday; 66.00-68.00 Wednesday.

COWS: Cutter and Boning Utility 1-3 31.00-34.00 Monday. Canner and Low Cutter 1-2 26.00-31.00.

G&M Livestock

Monday, January 16
Duncansville, Pa.
Report supplied by auction

SLAUGHTER CATTLE: Steers-Choice 66.00-68.50; Good 62.00-66.00; Standard 56.00-66.00; Utility 48.00-56.00. Heifers- Choice 65.00-67.50; Good 58.00-65.00; Standard 52.00-58.00; Utility 42.00-52.00. Cows- Choice 40.00-42.00, couple to 44.00; Good 36.00-40.00; Standard 36.00-37.00; Utility 34.00-36.00; Cutters 30.00-34.00; Canners down to 25.00. Bulls 1200-2068 lbs. 46.00-56.00; 400-1100 lbs. 42.00-52.00.

FEEDER CATTLE: Steers-Choice 300-700 lbs. 48.00-58.00. Heifers- Medium and Good 300-600 lbs. 42.00-52.00.

CALVES: Vealers Prime and High Choice 90.00-106.00; Good and Choice 70.00-90.00; Standard 50.00-70.00; Utility down to 30.00. Farm Calves- Holstein bulls 90-120 lbs. 75.00-106.00; Heifers 90-120 lbs. 60.00-87.50.

HOGS: Barrows and gilts 210-250 lbs. 48.00-51.90; 170-300 lbs. 45.00-49.00. Sows- 300-600 lbs. 46.00-51.50.

FEEDER PIGS: 25-35 lbs. 12.00-20.00 per head; 35-50 lbs. 20.00-30.00.

SHEEP: Slaughter lambs 80-100 lbs. 54.00-64.00; ewes 1 at 17.50.

GOATS: 1 at 48.00.

Peoria Cattle

Thursday, January 19
Report supplied by USDA

Compared to last week Slaughter Steers and Hiefers sold 2.00 higher, instances 2.50 higher on Steers. Cows closed active and 4.00 to 6.00 higher. Bulls 2.00 to 3.00 higher. Day to day advances in wholesale beef channels fueled the upward trend in live prices and all weights and grades shared the advance. Majority of supply Good to Choice Steers and Heifers with 25% Cows and Bulls. Receipts this week about 1675 as compared to 2609 a week ago and 2473 a year ago.

SLAUGHTER STEERS: Choice 2-4 1025-1300 lbs. largely 68.00-70.00, package and party load 71.00-71.50. Good and Choice 2-3 950-1150 lbs. 65.00-68.00. Good 62.00-65.00. Holsteins- Good and Choice 2-3 1150-1300 lbs. 58.00-59.00. Package Good 1-2 55.00.

SLAUGHTER HEIFERS: Choice 2-4 925-1125 lbs. mostly 66.50-68.00. Package and part load 68.50-69.00. Good and Choice 2-3 850-1050 lbs. 64.00-67.00; Good 60-64.00, package 56.00.

COWS: Breaking Utility and Commercial 2-4 35.00-37.00. Cutter and Boning Utility 1-3 closing 38.00-42.00. Canner and Low Cutter 1-2 late 34.00-38.00.

BULLS: YG 1-2 1100-1800 lbs. 40.00-48.00.

DAIRY MARKETS

New Holland Dairy

New Holland Sales Stables
Wednesday, January 18
Report supplied by auction

Reported receipts of 99 cows, 39 heifers, and 9 bulls.

Market lower.

Load of PA Fresh cows 800.00-1010.00.

Load of Canada Fresh cows 675.00-950.00; springers 725.00-1150.00.

Load of PA Fresh cows 670.00-750.00, springers 850.00-880.00.

Load of Franklin Co. Fresh cows 610.00-920.00.

Load of PA Fresh cows 730.00-1060.00.

Locally consigned cows 320.00-925.00.

Springing heifers 450.00-810.00.

Open heifers 335.00-390.00.

Bulls 400.00-560.00.

HORSE MARKETS

New Holland Horse

New Holland Sales Stables
Monday, January 16
Report supplied by auction

Reported receipts of 227 head of horses, mules, and ponies. Killer market: lower; Riding market stronger.

LOCAL

Better horses 350.00-590.00.

Driving horses 275.00-600.00.

Riding horses 225.00-325.00.

Lightweight killers 225.00-300.00; Heavyweight killers 325.00-400.00.

Mares 25.00-75.00; Colts 10.00-20.00; Geldings 25.00-75.00.

Larger ponies 100.00-185.00.

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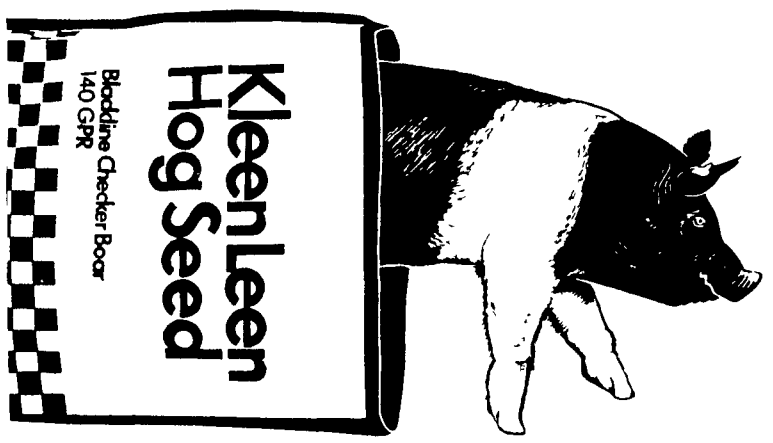

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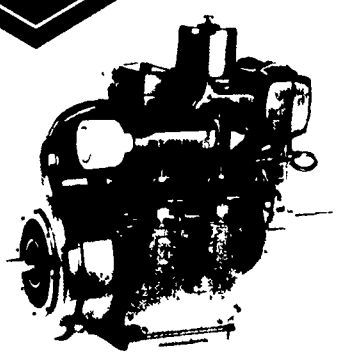
PETTER DIESELS



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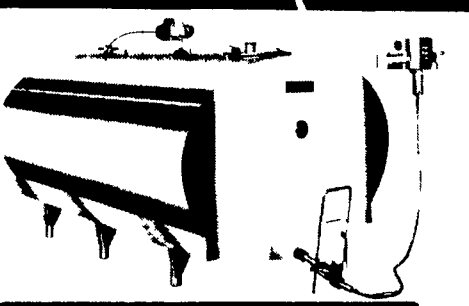

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Livestock market

Leesport Auction

Leesport, Pa.
Wednesday, January 18, 1984
Report Supplied by PDA

CATTLE 237. Supply included 13 feeder cattle. Compared with last Wednesday's market, slaughter steers and cows steady to strong. Few High Choice & Prime 1250-1350 lbs. slaughter steers 71.50-73, Choice 1050-1300 lbs. 67.25-71, few Good & Choice 1300-1620 lbs. holsteins 59.25-62, Good 58.75-68.10, Standard 50.00-60, few Utility & Low Standard 39.50-48.25. Few Choice slaughter heifers 64.00-68.10, few Good 58.75-60.50, few Standard 43.50-54.10. Breaking Utility & Commercial slaughter cows 38.00-42.60, few 44.10, Cutter & Boning Utility 35.00-39.85, Canner & Low Cutter 32.00-35.50, Shells down to 20.00. Few Choice slaughter bullocks 62.50-63, few Good 55.25-62.25, few Standard 47.60-53.85. Yield Grade #1 1370-2030 lbs. slaughter bulls 49.50-52.75, few 55.50, few #2 1100-1260 lbs. 45.50-48.00. FEEDER CATTLE: Few Medium Frame #1 690-865 lbs. feeder steers 53.50-59.50. Few Medium Frame #1 365-525 lbs. feeder heifers 42.00-49; Lot Large Frame #2 350 lbs. feeder bulls at 49.00.

CALVES 156. Individual Prime vealer at 108.00, few Choice 90.00-100, few Good 69.00-81, few Standard & Good 110-130 lbs. 55.00-71, 90-110 lbs. 50.00-55, 70-85 lbs. 45.00-51, few Utility 90-110 lbs. 40.00-49, 60-85 lbs. 35.00-43.00. FARM CALVES: Holstein Bulls 90-130 lbs. 90.00-112, some down to 50.00.

HOGS 264. Barrows and gilts steady. US No. 1-2 210-235 lbs. barrows and gilts 51.50-53.25, No. 1-3 205-235 lbs. 50.85-52, No. 2-3 285-300 lbs. 46.00-48, lot No. 1-3 190 lbs. at 50.00. US No. 1-3 300-700 lbs. sows 39.00-45, mostly 40.00-41.50, few Medium 290-420 lbs. 32.00-36.00. Few Boars 29.00, few light weights 30.00-42.00.

FEEDER PIGS 143. ALL SALES PER HUNDREDWEIGHT BASIS. US No. 1-3 (lot) 27 lbs. feeder pigs at 73.00, No. 1-3 35-70 lbs. 55.00-64.00.

SHEEP 23. Choice 70-90 lbs. wooled slaughter lambs 60.00-61.00, few 67.00. Slaughter sheep 13.00-19.00. GOATS 14: Few Large Adults 30.00-62, Large Kids 19.00-33.00 per head.

Chambersburg Auction

Chambersburg, Pa.
Thursday, January 19
Report supplied by PDA

CATTLE: 440. Compared with last Thursday's market: Sl. cows mostly strong to 1.00 higher. Sl. steers: (few) low Choice NO. 2-4 950-1260 lbs. 65.00-68.60, (few) Good 62.00-64.85; (few) Standard 48.35-54.00. Sl. heifers: one Choice at 65.00; (few) Good 53.85-56.75; (few) Standard 47.00-52.75. Sl. cows: Breaking Utility & Commercial 37.75-41.25, few to 42.00, several 44.75; Cutter & Boning Utility 36.75-41.00, several to 42.00; Canner & L. Cutter 32.00-37.25; Shells down to 28.00. Sl. bullocks: (few) Standard & Good 51.25-54.00. Sl. bulls: (few) Yield Grade No. 1 1150-2325 lbs. 46.00-52.50; (few) Yield Grade No. 2 1150-1660 lbs. 44.10-44.75.

CALVES: 431. Vealers grading Standard & Good 75-100 lbs. 6.00-9.00 higher. Choice 82.00-99.00; Good 65.00-80.00; (few) Standard & Good 110-125 lbs. 58.00-63.00; 75-105 lbs. 49.00-60.00; Utility 65-85 lbs. 45.00-55.00.

FARM CALVES: Hol. Bulls 90-95 lbs. 60.00-75.00, 100-125 lbs. 75.00-100.00, few to 107.00.

HOGS: 72. Barrows and gilts 2.00 higher. US No. 1-2 210-235 lbs. 51.50-52.75; Sows US No. 1-3 300-740 lbs. 36.00-42.00. Boars one at 29.00.

FEEDER PIGS 57 US No. 1-3 20-35 lbs. 14.00-20.00 per head; lot No. 1-3 40 lbs. at 28.00 per head.

SHEEP: 13. Good & Choice 80-115 lb. wooled sl. lambs 53.00-56.50.

GOATS: 1. No price.

Belleville Auction

Belleville, Pa.
Wednesday, January 18
Report supplied by Auction

CATTLE 111. Few Standard slaughter steers 53.00-56.50. Breaking Utility and Commercial slaughter cows 40.10-41.85, Cutter and Boning Utility 38.50-40.25, Canner and Low Cutter 32.50-38.50, Shells down to 27.00. Yield Grade #2 650-1540 lbs. slaughter bulls 43.25-44.00.

CALVES 138. Few Choice vealers 80.00-107.00, 80-110 lbs. 35.00-50.00.

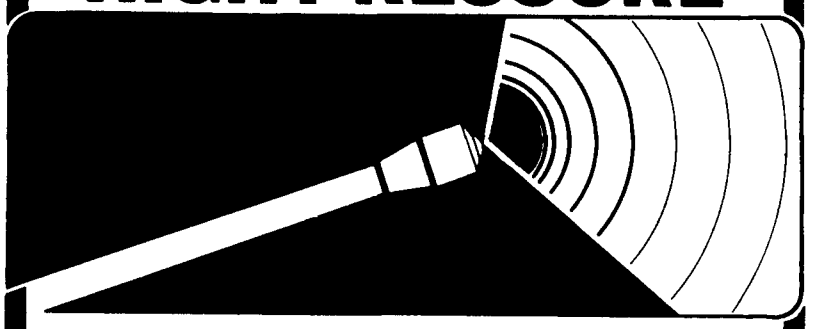
FARM CALVES: Holstein Bulls 68.00-102.00, mostly 90.00-100.00.

HOGS 331. US No. 1-2 210-250 lbs. barrows and gilts 51.10-52.25, No. 1-3 210-260 lbs. 49.10-50.50, No. 2-3 40.00-43.50. US No. 1-3 435-620 lbs. sows 42.50-47.00. Boars 25.00-38.25.

FEEDER PIGS 166. US No 1-3 20-35 lbs. feeder pigs 10.50-18.50 per head, No. 1-3 35-50 lbs. 17.00-28.50 per head.

SHEEP 17. Few Good wooled slaughter lambs 45.00-55.00. Slaughter ewes 14.00-29.00. GOATS 34.00-40.00.

HIGH PRESSURE



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(1) JD 2840, Loaded (Super Sharp) . . . $13,900
JD 2520 Diesel, wide front, dual remote, sharp $8,750
JD 2020 Diesel w/48 loader
(1) White 2-105 w/Roll Guard. $15,900
(1) Steiger Cougar, Model 251 w/30.5x32 Singles, 4 Rear Remotes, Like New, 800 hours $49,850
(1) IH 460 Gas N.F TA, Power Steering . $2,350
(1) IH Farmall C $950
(1) Farmall H w/Cultivators $950
MF 30-B Industrial Dsl. w/Loader 3 pt & PTO $8,750
JD 4020 Tractor, Syncro, wide front, one of a kind. $9,350
JD 430 wide front, 3 pt. $2,350

COMBINES & PICKERS:

(1) JD 6620LL Combine w/213 Flex Head 800 hrs $52,000
(1) IH 203 Combine, Gas w/10' Platform, P.U. Reel, 2 Row Cornhead, Cab . $3,950
(1) New Idea #325 Two Row Narrow Picker w/Sheller, Heavy PTO. . $4,350
(1) Gleaner Model K w/10' Platform and 2 Row Corn Head, Cab . . $6,950
(1) JD 443 Corn head . . . $3,450
(1) JD 443 Corn head, new style . $6,750

(1) Used 350 BU Myer Morton PTO Batch Dryer $3,450

COMING IN:

JD 3020 Tractor, Power Shift, side console w/year round cub
JD 2640 Hi-Lo Shift, 472 hrs , like new
White 2-65 4WD w/Quick Tach Loader and Cab, 800 Hours, Like New

HARVESTERS & FORAGE EQUIPMENT:

(1) John Deere 3940 Harvester, Hydro-electric Controls, 1,000 PTO Used very little. $8,950
(1) John Deere 34 w/One Row RC & Pickup. $1,550
(1) Grove Forage Wagon w/Roof & Gear. . $1,850
(1) John Deere Three Row Row Crop Attachment, New Belts $3,850
(3) Badger Self Unloading Wagons w/Tandem Gears and Roofs (Sharp) . . . ea. $3,500
(1) Kelly-Ryan Silage Dump Container $2,950

HAY MACHINES:

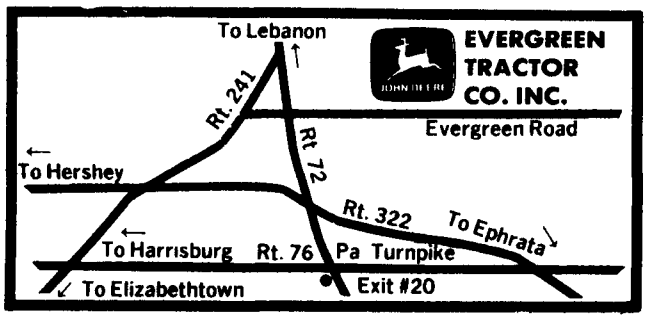
(1) John Deere 1209 Mower Conditioner . . $3,250
(1) Hesston 1090 USED ON 20 ACRES LIKE NEW $5,350
(1) John Deere 485 9' Mower Conditioner . $1,250
(1) New Holland 479 9' Haybine . . $1,400
(1) MF #12 Baler w/Thrower, Hydraulic Control . . . $1,350
(1) IH 46T w/Thrower . . $1,050

TILLAGE:

(1) Oliver 4-14" Trailer Plow, Hydraulic Lift . $450
(1) JD F350 5-16" Auto Reset Plow Sharp . $2,850
(1) IH 710 5-16" Auto Reset Plow Sharp $2,850
(1) John Deere AW 10' Disk . $1,175
(1) John Deere 12' RW . . $875
(1) IH 10' Transport Disk $450
(1) JD #210 14' Level Action Disc . $4,275
(1) JD #210 11'5" Disc. . . . $3,850

GRAIN DRYERS:

(2) New Farm Fans AB8 Auto-Batch Dryers MUST MOVE CALL FOR PRICE (Dealer Inquiries Welcome)



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Lebanon, PA
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TANKS

NEW UNDERGROUND STEEL FUEL STORAGE TANKS

Capacity (Gallons)	Diameter	Length	Gauge (Thickness)	Weight (Pounds)	Price FOB Quarryville
285	3'0"	5'6"	12	278	*123.00
550	4'0"	6'0"	10	549	220.00
550	4'0"	6'0"	7	751	274.00
1,000	4'0"	10'8"	10	827	324.00
1,000	4'0"	10'8"	7	1,129	406.00
1,000	5'4"	6'0"	7	1,028	378.00
1,500	5'4"	9'0"	7	1,388	509.00
2,000	5'4"	12'0"	7	1,735	620.00
3,000	5'4"	17'11"	7	2,432	837.00
4,000	5'4"	23'10"	7	3,130	1055.00
5,000	8'0"	13'7"	1/4"	4,484	1821.00
6,000	8'0"	16'0"	1/4"	5,588	1926.00
8,000	8'0"	21'4"	1/4"	6,981	2414.00
10,000	8'0"	26'8"	1/4"	8,375	2847.00
10,000	10'0"	17'0"	1/4"	7,829	2610.00
12,000	8'0"	32'0"	1/4"	9,768	3310.00
12,000	10'0"	20'6"	1/4"	8,946	2969.00
12,000	10'6"	18'7"	1/4"	7,900	2978.00
15,000	8'0"	40'0"	5/16"	14,823	5003.00
15,000	10'6"	23'2"	5/16"	11,857	4575.00
20,000	10'6"	31'0"	5/16"	15,105	5716.00
25,000	10'6"	38'9"	3/8"	23,883	7600.00
30,000	10'6"	46'6"	3/8"	27,923	8800.00

Tanks are fabricated in strict accordance with the specifications of Underwriters' Labratories, Inc Exteriors of underground tanks are coated with black asphaltum paint Exteriors of above ground tanks are coated with red primer STI P3 system of corrosion protection for underground steel storage tanks available at an additional charge We can provide timely delivery anywhere from 2 locations: Quarryville, PA; and Clarksville, Virginia. Contact us for delivery costs. We invite inquiries by phone or mail.

USED STEEL FUEL STORAGE TANKS

Capacity (Gallons)	Diameter	Length	Gauge (Thickness)	Weight (Pounds)	Price FOB Quarryville
275*	27"	5'	14	250	*60
1,000	5'4"	6'	7	827	75 to 100
1,500	5'4"	9'0"	7	1,388	75 to 175
2,000	5'4"	12'0"	7	1,735	100 to 200
3,000	5'4"	17'11"	7	2,432	150 to 300
4,000	5'4"	23'10"	7	3,130	250 to 500
6,000	8'0"	16'2"	1/4"	5,123	500 to 660
8,000	8'0"	21'6"	1/4"	6,475	700 to 880
10,000	8'0"	26'8"	1/4"	8,375	1100

Used tanks and used tank shells may not bear underwriters' label nor are coated with black asphaltum paint.

NEW GASBOY FUEL PUMPS

Model	Description	G.P.M.	Price F.O.B. Quarryville
1230C	Complete w/counter, rotary hand type	20	*119.00
60	12V DC w/meter	12	359.00
61	Same as Model 60, w/o meter	12	269.00
72	115V w/meter	14-15	356.00
73	115V, same as Model 72 w/o meter	14-15	275.00
1820	115V w/meter, w/cabinet	14-15	396.00
1820K	115V, same as Model 1820 w/2 units, Keytrol	14-15	491.00

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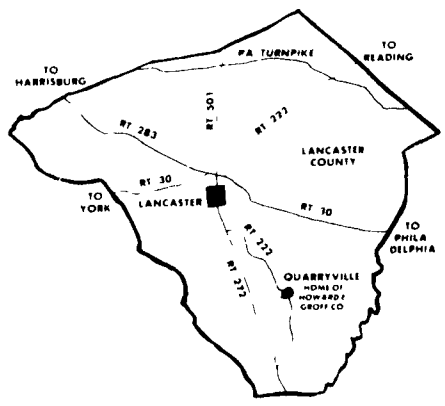

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Livestock market and auction news

East Coast Carlot

Thursday, January 19
Report Supplied by USDA

Compared to Wednesday's noon report: Not enough sales Prime Special Fed Veal to test market; generally steady tone. Good and Choice Boning Veal 5.00 higher than Tuesday; inshipped not tested, frim tone. Lamb fully steady.

VEAL CARCASS
Prime (Special Fed)
Hide On 50 Head
220-280 lbs. few 172.00.
Good & Choice
Boning Type
Hide On
Northeastern Suppliers: All 5.00 higher than Tues. 65-75 lbs. 83.00-85.00; 55-64 lbs. 81.00-83.00; 45-54 lbs. 79.00-81.00; 35-44 lbs. 77.00-79.00; 34 lbs. down 75.00-77.00.
Inshipped: No sales reported.

LAMB BEEF
Choice and Prime 3-4
41 Loads
All steady. 60 lbs. down 130.00; 55 lbs. down 130.00; 55-65 lbs. 130.00; 65-75 lbs. 130.00.

BONELESS BEEF
(US & Canadian Origin)
5 Loads
Compared with last week 90% Chem Lean Fresh 107.00-111.00, 8.00 to 12.00 higher.

BEEF TRIMMINGS
4 Loads
Compared with last week 50% Chem Lean Fresh 63.00, 11.00 higher.

Compared to last week: Veal Trade light to moderate. Prime Special Fed Veal generally steady. Good and Choice Boning Veal 3.00 to 8.00 higher, mostly 8.00 higher late. Inshipped Veal 2.00 to 3.00 higher at midweek and not tested late. Lamb fully steady in light to moderate trading. Boneless Beef 8.00 to 12.00 higher. Beef Trimmings 11.00 higher.

Omaha Cattle

Thursday, January 19

Weekly 51 — CATTLE — Slaughter steers closed this week 1.50-2.50 higher, slaughter heifers 1.50-2.00 higher. Carcass beef prices leading the advance. Continued good demand noted for steers over 1100 lbs. and heifers over 950 lbs. Lighterweight offerings both classes still discounted in most cases. Demand for cows was good this week, prices 3.00-4.00 higher as dressed beef turned sharply higher. Slaughter bulls near steady.

Steers comprised 42 pct of the week's receipts; Heifers 36 pct. Cows 15 pct, feeders 5 pct, estimated receipts this week 10,000 compared to actual count of 9707 last week and 11450 a year ago.

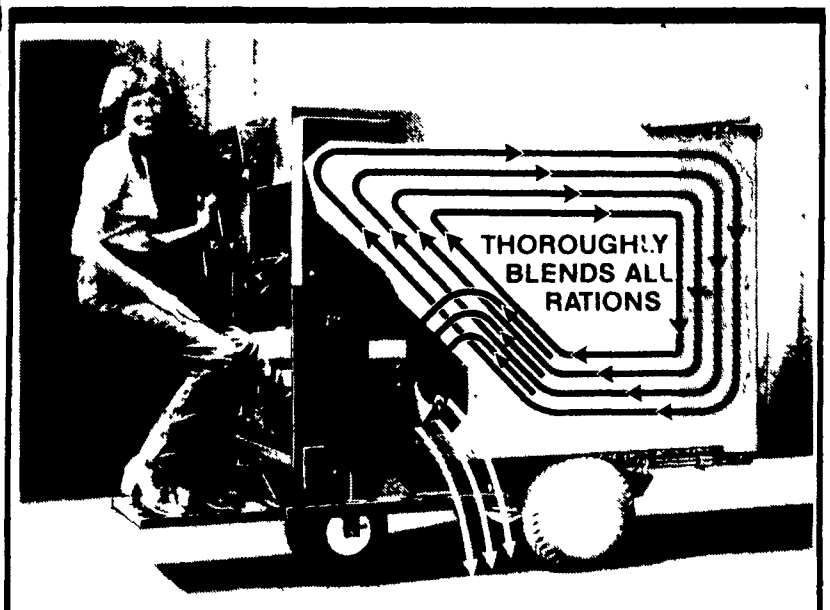
SLAUGHTER STEERS: Scattered loads and lots choice 2-4 1050-1300 lbs. 69.50-71.50, bulk 70.00-71.00, small lot 72.00. Mixed good and choice 2-3 1000-1150 lbs. 66.00-68.50. Few good 64.00-67.00. Package choice 2-3 holsteins near 1350 lbs. 60.00.

SLAUGHTER HEIFERS: Scattered loads and lots choice 2-4 950-1100 lbs. 67.00-69.00, bulk 67.50-68.00, few Choice 2-3 850-950 lbs. 66.00-66.50. Mixed good and choice 2-3 900-1100 lbs. 65.00-67.00. Few good 62.00-65.00.

Average of LS 214 detailed quotations for 900-1100 lb. choice steers 68.40; 1100-1300 lbs. 70.40. Average cost steers this week 69.26, average weight 1131 lbs. as compared to 67.07 and 1119 lbs. last week. Average cost heifers this week 65.98, average weight 984 lbs. as compared to 65.08 and 994 lbs. last week.

SLAUGHTER COWS: Breaking Utility and Commercial 2-3 37.00-39.00. Cutter and Boning Utility 1-2 34.00-37.00. Canner and low Cutter 30.00-35.00.

SLAUGHTER BULLS: 1-2 1100-1800 lbs. 40.00-44.00. GRK.



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Livestock market and auction news

Indiana Livestock

Homer City, Pa.
Thurs., Jan. 19
Report Supplied by PDA

CATTLE: 183. Compared with last Thursday's market: Slaughter steers 2.00-2.50 higher; Sl. cows steady to strong. Sl. steers: Choice 66.00-70.25; Good 60.00-64.50; (few) Standard 52.00-58.00; (few) Utility 45.00-50.00. Sl. heifers: Choice 63.00-66.25; Good 58.00-63.75; Standard 46.00-53.00. Sl. cows Breaking Utility & Commercial 40.00-42.50; Cutter & Boning Utility 36.25-41.00; Canner & L. Cutter 30.00-36.50; Shells down to 20.00. Sl. bullocks one Choice at 61.75; one Good at 54.00. Sl. bulls (few) Yield Grade No. 1, 1100-1600 lbs. 45.00-49.00; (few) Yield Grade No. 2, 800-1300 lbs. 40.00-44.00.

FEEDER CATTLE: Steers, (few) Medium Frame No. 1, 400-700 lbs. 54.00-59.00. Heifers, (few) Medium Frame No. 1 400-500 lbs. 47.00-52.50.

CALVES: 227. Vealers grading Good & Choice 5.00-6.00 lower; Standard & Good 3.00-5.00 higher. Choice 90.00-97.00; Good 83.00-87.00; few Standard 70.00-75.00; Standard & Good 90-120 lbs. 50.00-61.00; 60-85 lbs. 40.00-50.25; (few) Utility 60-85 lbs. 35.00-40.00.

FARM CALVES: Hol. Bulls 90-125 lbs. 64.00-109.00.

HOGS: 212. Barrows and gilts .25-.50 higher. US No. 1-2 215-250 lbs. 53.00-53.50 No. 1-3 210-255 lbs. 52.25-53.10; lightweights No. 1-3 110-140 lbs. 30.00-37.50, 150-185 lbs. 48.00-49.75; US No. 1-3 300-500 lbs. 41.00-45.25; few No. 2-3 300-560 lbs. 38.00-40.00. Few Boars 25.50-31.25.

FEEDER PIGS: 98. US No. 1-3 35-50 lbs. 22.00-25.00 per head; No. 1-3 75-95 lbs. 25.00-31.00 per head; Utility 20-30 lbs. 10.00-14.00 per head.

SHEEP: 7. Lot high Choice sl. lambs 95 lbs. 55.50. Few sl. ewes 14.00-23.50.

Belknap Livestock

Dayton, Pa.
Wednesday, January 18, 1984
Report Supplied by PDA

CATTLE 43. Compared with last Wednesday's market, slaughter steers, One Standard at 50.50. Couple Standard slaughter heifers 45.00 and 45.50. Cutter and Boning Utility slaughter cows 36.00-41, one 43.00, Canner and low Cutter 31.25-35.25. Few Yield Grade #1 975-1205 lbs. slaughter bulls 41.00-42.25.

FEEDER CATTLE: Few Medium Frame #1-2 480-600 lbs. feeder heifers 30.00-39.75.

CALVES 76. One Choice vealer at 89.00, couple Good 84.00&85.00, Standard & Good 90-130 lbs. 47.00-60, 60-85 lbs. 35.00-48.00.

FARM CALVES: Holstein Bulls 90-120 lbs. 65.00-102.00.

HOGS 186. Barrows and gilts fully steady. US No. 1-2 215-255 lbs. barrows and gilts 52.25-53.10, 35 head 53.75, No. 1-3 2-235 lbs. 51.00-52.10, few No. 2-3 230-245 lbs. 48.00-49.00, No. 1-3 170-195 lbs. 43.75-45.00. US No. 1-3 270-550 lbs. sows 42.00-47.50. Boars 25.00-29.75.

FEEDER PIGS 36. US No. 1-3 30-40 lbs. feeder pigs 15.50-21 per head, lot No. 1-3 55 lbs. at 23.50 per head.

Westminster Livestock Auction

Westminster, Md.
Tuesday, January 17
Report supplied by auction

BUTCHER COWS: Good run! 2.00 to 3.00 higher! High Yield 40.50-43.75, one to 45.50; Standard & Utility 37.00-40.50; Canners 33.00-36.50; Shelly 32.00 down. Slaughter Bulls- Good to $52.00; Medium 45.00-48.00. Fed Steers- $2.00 higher, Choice 62.25-66.75; one Prime 1175 lb. 70.75; Good & Low Choice 56.00-62.00. Fed Heifers- Good-Low Choice 900-1050 lb. 57.00-60.25; Commercial to Good 50.00-56.00.

BUTCHER HOGS: $2.00 higher! US#1 & 2 220-250 lb. 51.25-51.50; US 2 & 3 220-275 lb. 49.00-50.25. Sows- Large run. US 1 & 2 300-550 lb. 40.00-44.00; US 2 & 3 275-450 lb. 36.00-40.00. Boars- 400-600 lb. 32.00-32.25.

VEAL CALVES: $2.00 to 4.00 higher! Good & Choice 180-225 lb. 80.00-95.00. Killers 80-100 lb. 45.00-52.00; Weak & Rough 40.00 down.

CALVES RETURNED TO FARM: $10.00 to 20.00 higher! Holstein Heifers- 95-110 lb. 52.00-66.00. Holstein Bulls- 90-95 lb. 60.00-99.00; 100-120 lb. 80.00-105.00.

LAMBS: 1 lot Prime 122 lb. 64.00; Choice 85-95 lb. 56.00-61.00; Sheep 14.00-24.00.

STOCK CATTLE: $2.00 to 5.00 higher. Steers- Good 300-650 lb. 56.00-61.00; several 850-1000 lb. 53.00-58.75; Holsteins 500-750 lb. 39.00-45.00. Heifers- Good 300-600 lb. 46.00-51.50. Bulls- Good 325-500 lb. 52.00-58.00; Medium 44.00-48.00.

PIGS AND SHOATS: 140 head. By the head- 15-30 lb. 10.00-13.50, 30-50 lb. 16.00-23.50. By the lb.- Shoats 140-180 lb. 35.00-44.00; Stock Boar 275 lb. 35.50.

North Jersey Livestock

Hackettstown, N.J.
Tuesday, January 17
Report supplied by auction

1235 head.

Calves 15.00-102.00; Cows 28.50-44.00; Easy Cows 23.25-37.75; Heifers 37.25-61.25; Bulls 38.00-54.50; Steers 39.75-65.50; Hogs 20.00-60.00; Roasting Pigs, each 13.00-25.00; Kids 5.00-44.00; Boars 27.00-41.00; Sows 35.00-43.00; Sheep 15.00-41.00; Lambs, each 15.00-46.00; Lambs, per lb. 40.00-70.00; Goats, each 16.00-89.00; Hides 15.00-25.00.

Weekly Summary

Fri., Jan. 20
Report Supplied by PDA

Markets: 15.

CATTLE: 6136. Compared with 5948 head last week, and 4976 head a year ago. Compared with last week's market: Slaughter steers uneven, mostly steady to 2.00 higher; Sl. heifers steady to 1.00 higher; Sl. cows & bulls mostly 1.00 to 2.00 higher. Sl. steers: High Choice & Prime No. 3-4, 71.50-73.75, few to 74.10; Choice NO. 2-4, 67.00-71.50; Good 61.00-66.50; Standard 52.00-60.00. Sl. heifers: Choice 63.00-70.00; Good 55.00-61.00; Standard 45.00-55.00. Sl. cows: Breaking Utility & Commercial 39.25-42.50, few to 44.75; Cutter&Boning Utility 35.00-41.00; Canner & L. Cutter 32.00-38.00; Shells down to 20.00. Sl. bullocks: (few) Choice 60.00-63.00; (few) good 52.00-58.50; (few) Standard 47.00-54.00. Sl. bulls: Yield Grade No. 1, 1000-2400 lbs. 46.00-54.85; Yield Grade No. 2, 900-1500 lbs. 40.00-46.00.

FEEDER CATTLE: Steers, (few) Medium Frame No. 1, 400-850 lbs. 53.50-59.50. Heifers, (few) Medium Frame No. 1, 400-600 lbs. 39.00-52.50.

CALVES: 3761. Compared with 3898 head last week and 3448 head a year ago. Vealers grading Good & Choice 1.00-5.00 lower, Standard & Good 1.00-1.50 higher. Choice 85.00-107,00, few to 110.00; Good 65.00-85.00, few to 100.00; Standard & Good 110-130 lbs. 55.00-71.00; 90-110 lbs. 50.00-60.00; 65-90 lbs. 40.00-51.00; Utility 50-110 lbs. 35.00-42.00.

FARM CALVES: Hol. Bulls 90-130 lbs. 60.00-115.00, mostly 70.00-105.00; few Hol. Heifers 90-140 lbs. 53.00-94.00.

HOGS: 6841. Compared with 6064 head last week and 6655 head a year ago. Barrows and gilts mostly steady. US No. 1-2 200-245 lbs. 51.00-53.50 No. 1-3 200-250 lbs. 50.00-52.00; No. 2-3 200-285 lbs. 48.00-51.25; Sows steady to weak. US No. 1-3 300-585 lbs. 39.00-47.00; No. 2-3 300-650 lbs. 34.00-40.00. Boars 25.00-29.75.

FEEDER PIGS: 1024. Compared with 1229 head last week and 1013 a year ago. Mostly 1.00-2.00 lower. US No. 1-3 20-35 lbs. 14.00-21.00 per head; No. 1-3 35-50 lbs. 17.00-28.00; No. 1-3 50-75 lbs. 25.00-33.50.

SHEEP: 656. Compared with 1126 head last week and 453 head a year ago. Wooled sl. lambs steady to 3.00 lower. High Choice & Prime 90-130 lbs. 60.00-67.00; Choice 70-115 lbs. 55.00-61.00; Good 60-100 lbs. 45.00-56.00. Sl. ewes: 14.00-29.00.

3 GRADED FEEDER PIG SALES: 2374. Compared with 2455 head last week, and 1896 head a year ago. All sales by CWT. Feeder Pigs very uneven, extremes 8.00 higher to 20.00 lower. US No. 1-2 25-40 lbs. 61.00-84.00, 40-50 lbs lbs. 58.00-78.00, 50-60 lbs. 55.00-74.00, 60-90 lbs. 41.00-64.00; US No. 2-3 25-40 lbs. 48.00-60.00, few to 78.00, 40-65 lbs. 40.00-57.00.

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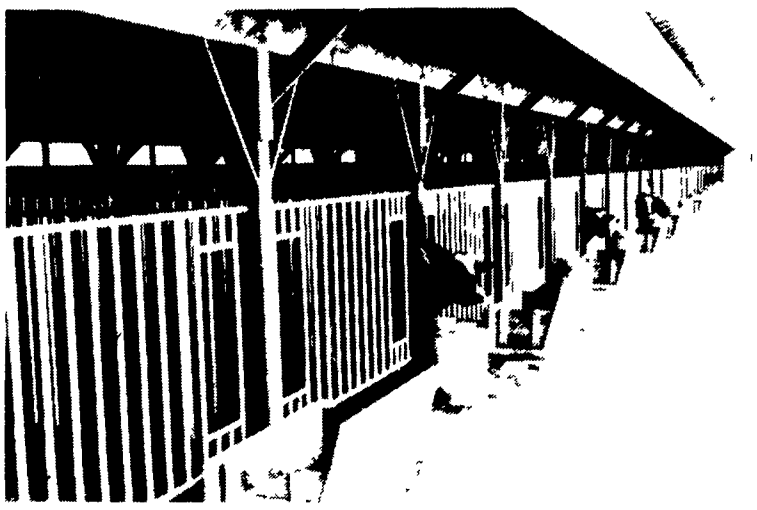
Sire Power expands housing



TUNKHANNOCK — Sire Power's Gold Sire Development Program has more than tripled in the last ten years and by next year is expected to be four times as large as it was in 1972.

As a result of the increased demand for Sire Power semen and the expanded Gold Program, there is a need for more sire housing. Sire Power recently purchased Donald William's farm of 286 acres, and an additional fifty acres of crop land from Harold Grow. This land will be the site of expanded bull housing and a new isolation barn.

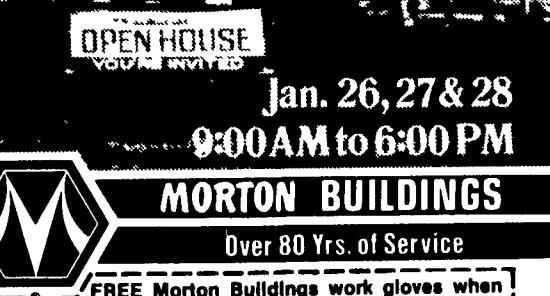
The land is located three miles from the current facilities at Tunkhannock. This will provide additional herd health safeguards. Plans are to continue to utilize the facilities at Frederick, Md. to house bulls indefinitely.

Construction of barns began in early June with one barn recently completed. Each barn is 465 feet long and houses 40 bulls in 11'x22' individual pens. The barns are open to the southeast.

On Nov. 30, the first bulls were moved over to the newly completed barn. The size and comfort of each pen allows for excellent individual care of the bulls. In each barn of 40 bulls, there is a clinic area to adequately handle the bulls for necessary veterinary attention.

These three barns are the first step in this expansion project undertaken by the Sire Power organization for 1983 and projected through 1986. The next step will be to build a new expanded isolation facility in 1984, and then over the next three years, build three similar barns. This will provide housing for 450 bulls and should meet the housing needs for the next ten years.

Lloyd Ebersole, Sire Power Assistant Manager and Director of Sire Programs, has been instrumental with the building project since the beginning. He was worked closely with the Building Committee during the formative stages of design and bidding proposals. Members of the Building Committee are Harold Lesher, Chairman, Bernville; Bill Henshaw, Charles Town, W.Va. Marlin Hoff, New Windsor, Md. and Gary Rickard, Honesdale, Pa.



Health Hazards Posed by Asbestos

NEWARK, Del. — In years past, asbestos was used in many types of building materials and appliances to add strength, thermal insulation, and fire protection. Later it was learned that asbestos poses serious health risks. Now people are worried about the asbestos that may be in their homes.

There is some cause for concern, says University of Delaware Extension Family Living Agent Pat Wilson. Where asbestos is used, invisible particles may break off and float in the air. The particles are so small that they pass through the filters of vacuum cleaners. Once airborne, they continue to float until someone inhales them. After many years of exposure, cancer may develop.

Cigarette smokers face a special hazard when exposed to asbestos, Wilson says. Together the two have been shown to cause a combined risk of lung cancer greater than either danger alone.

Not all products containing asbestos threaten health, however. The risk exists only when asbestos fibers are released into the air. Soft, easily crumbled materials containing asbestos have the greatest potential for fiber release and therefore pose the greater threat, Wilson says.

Home products in which asbestos is likely to be used include ceilings, wall and pipe coverings, appliances, floor tiles, and some roofing materials. In most cases, the asbestos is combined with other materials that make the fibers less likely to float freely in the air.

If you are concerned about whether you have asbestos in your home, the manufacturer may be able to tell you, based on model number and age of the product. Also, people who have frequently worked with asbestos, such as plumbers and heating contractors, can often tell by looking at a material whether it contains asbestos.

If you do find asbestos in your home, it's best not to try to remove it, Wilson says. If it's in a wall material, paint or paper over it. If you have old asbestos floor tiles with exposed fibers, lay new tiles or linoleum over them. When it is necessary to remove or work with asbestos, get help from a trained, experienced contractor. Make sure everyone involved wears an approved respirator, gloves, hat, and other protective clothing, because no level of exposure to asbestos is considered safe, Wilson says.

The U.S. Consumer Product Safety Commission and the Environmental Protection Agency have published a booklet, Asbestos in the Home. To receive a copy, send $2.75 to the Consumer Information Center, Department 217L, Pueblo, Colorado, 81009.

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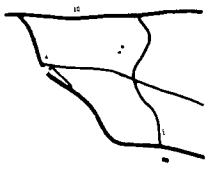

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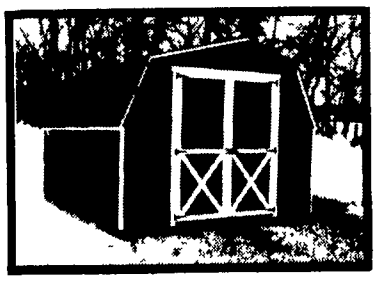

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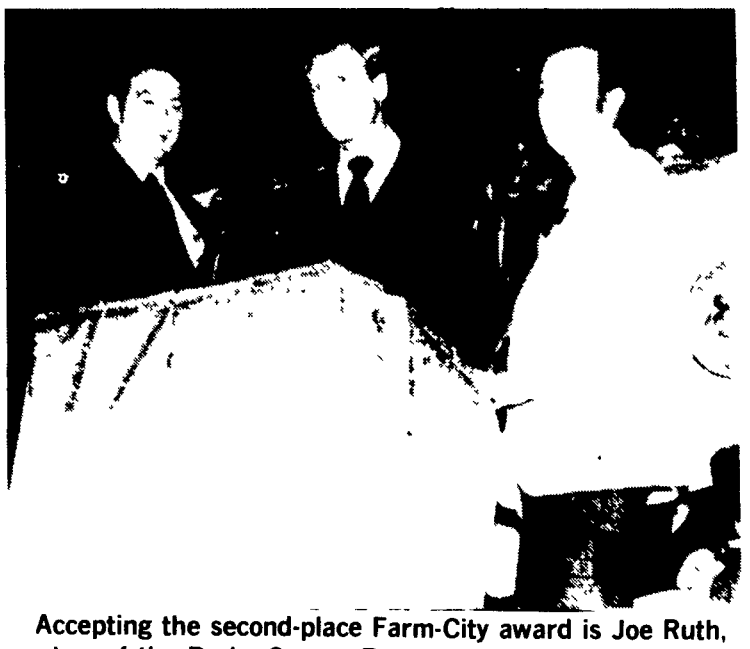
Lebanon Farm-City Council tops in state



Accepting the second-place Farm-City award is Joe Ruth, center, of the Berks County Farm-City Council. Making the presentation are Pa. Secretary of Agriculture Penrose Hallowell, left, and Dennis Grumbine, president of the state Farm-City Week.

FARM SHOW — The Lebanon County Farm-City Council received the first place award in the state for its 1983 program during ceremonies at Secretary of Agriculture Night Jan. 9, at the Farm Show.

State Agriculture Secretary of Agriculture Penrose Hallowell presented the award to Richard Kreider, president of the local group, capping the first full day of activities at this year's Farm Show. Kreider is a livestock and grain farmer from Lebanon.

Earning second place honors was the Berks County Farm-City Council. Joe Ruth, chairman of the county council, accepted the award. Representing the third place group, the Franklin County Farm-City Council, was Merle Bachman, executive director of the Agricultural Stabilization Conservation Service in Franklin County.

The entries were selected from nominations submitted from throughout the state for their outstanding contributions to the betterment of urban-rural community relations.

Dalton Paul, director of vocational education for the Franklin County Area Vo-Tech School, was named the outstanding individual in the state for his efforts.

Serving as judges for this year's contest were Robert Williams, editor of the Pennsylvania Farmer magazine; Carolyn Rutter, board of state directors, Pennsylvania Farmers Association; and Harlan Helzer, Pennsylvania Grocers Association.

Merle Bachman, center, representing the Franklin County Farm-City Council, is congratulated by Pa. Secretary of Agriculture Penrose Hallowell, left, and Dennis Grumbine, president of the state Farm-City Week, for receiving third place in the Farm-City contest.

The Lebanon Farm-City Council, represented by Richard Kreider, center, receives the first place award for the Farm-City contest from Pa. Secretary of Agriculture Penrose Hallowell, left, and Dennis Grumbine, president of Farm-City Week.

Cattle feeder day set

LANCASTER — The Lancaster County Cattle Feeders' Day is scheduled for Tuesday, at the Farm and Home Center. The event will begin at 8:30 a.m. with exhibit visitation and the program starts promptly at 9:30 a.m.

The meeting, conducted by The Penn State Extension Service, concludes at 3:15 p.m. with a question and answer session. The theme for this year's event is "What's ahead in the Beef Industry."

Speakers will include Les Burdette, Penn State Extension Beef Specialist on "Alternative Feedstuffs" and an "Implanting Update"; William Henning, Penn State's new Extension Red Meats Specialist on "The Cattle Feeders Future" and "The Current Red Meat Industry"; and Dr. Tom Drake, Penn State Extension Veterinarian on a "Veterinarian Update." Featured also will be cattle feeder and Pennsylvania Cattlemen's Associatin President, J. Paul Espy speaking on "Being An Efficient Cattle Feeder"; as well as a producer panel on "Bagging Hay and Silage."

Anyone interested in cattle feeding is invited to attend. No reservations are necessary. Lunch tickets may be purchased at the door until 11:00 a.m. In addition to the formal program there will be opportunity to inspect commercial exhibits and visit other cattlemen.

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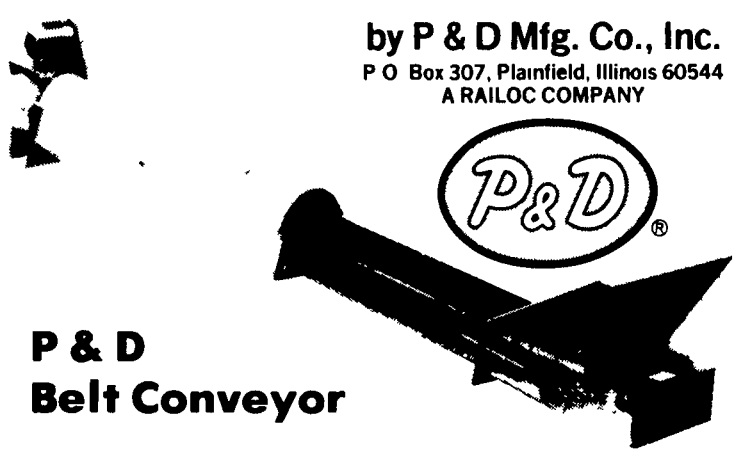

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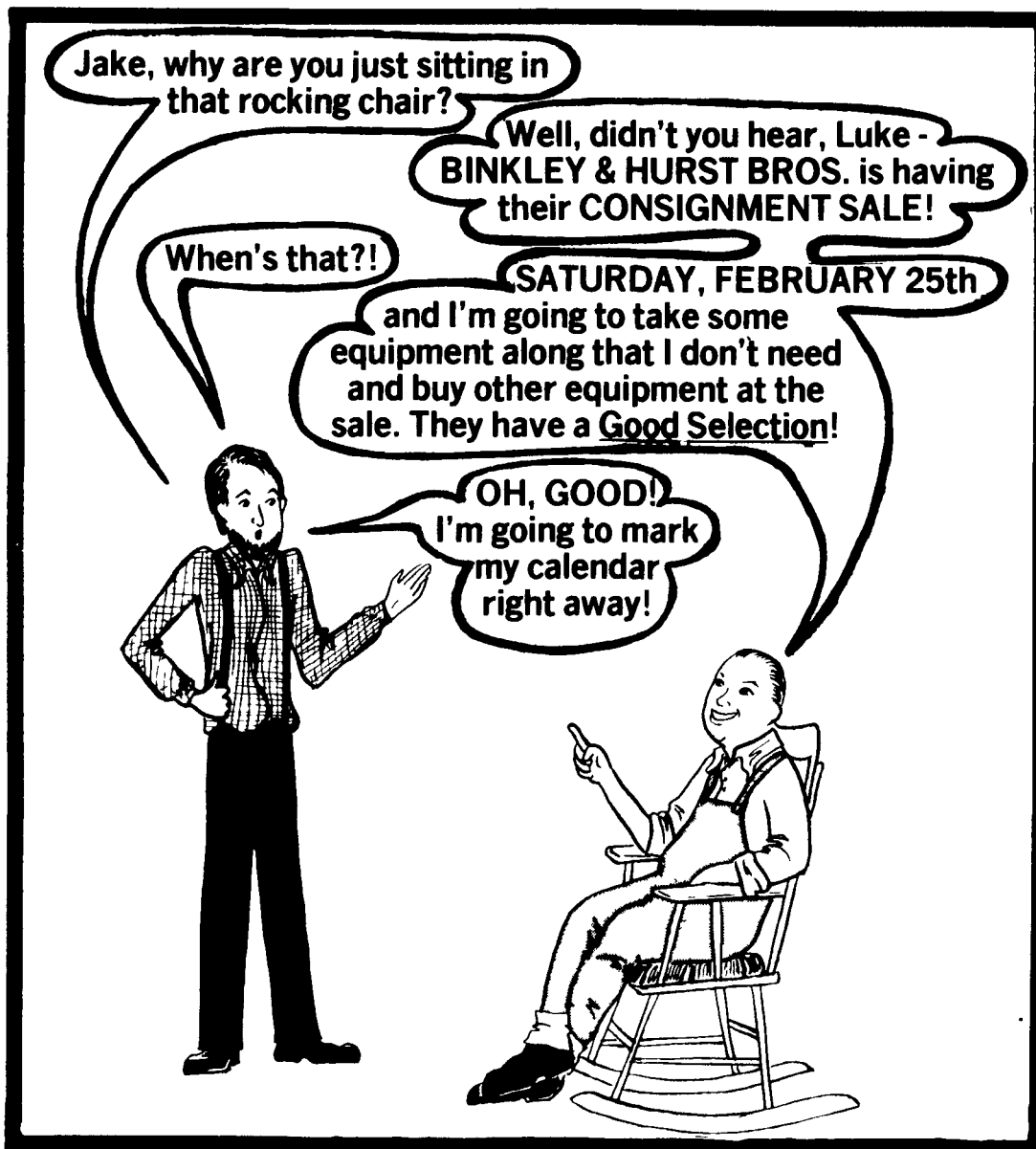
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Adams County beekeepers form association

BY JUDY HULL

BIGLERVILLE -- Inferring that someone has "bees in their bonnet" is not usually meant to be taken as a compliment. To members of the newly formed Adams County Beekeepers Association, however, it is probably one form of praise they like to receive.

Organized within the last six months, the association, according to Herb Schroeder, Biglerville, president of the group, invites membership or visitation to anyone interested in bees and beekeeping.

"Some people come to our meetings just because they are interested in bees while other members keep bees commercially," he said. The number of hives owned by some members varies from a few colonies of bees up to one member who owns 430 hives.

The association meets monthly for programs and to discuss concerns of beekeepers. Current topics of interest to the group include the problems caused by the large amount of imported honey into the U.S. Schroeder explained that U.S. beekeepers must pay 27 cents a pound or more to sell honey to other nations, while honey imported into this country carries a tariff of only one cent per pound.

"U.S. beekeepers can't compete," he said, adding that while the government does have a price support program for honey, importation is such a serious problem that some honey packers have been forced to trim their operations.

Hobbiest beekeepers in this country number 200,000, according to Schroeder, and they provide a great majority of the honey which consumers purchase. While most people think of bees only in the spring and summer, beekeepers are busy year round maintaining hives and extracting honey.

Beekeeping or bee hunting as it was known historically, dates back to 7000 B.C. in eastern Spain. The art of keeping bees developed haphazardly through the centuries, but finally got the formula it needed to succeed in 1851. At that time, a Philadelphia minister, Rev. L.L. Langstroth, discovered the secret to modern beekeeping - bee space.

Langstroth found that by building hives which provided the necessary space for bees, honey could be extracted in reusable, movable frames. The standard Langstroth hive consists of ten frames placed inside the body of the hive which has a brood chamber and a number of supers or additional levels which may be determined by the size of the colony.

Supers may also be used for brood rearing or food storage depending on the size and activity of the colony.

In Adams County, many people relate bees with pollinating orchards in the spring. While it is true that bees are needed to successfully pollinate the fruit crop, the work of the bees is much more widespread. According to Schroeder, bees pollinate 90 different crops.

"One-third of our total diet comes directly or indirectly from insect pollinated plants," he said.

Honey, the end result of the bee's work, is a sweetener different from what consumers usually think of as sugar. "It's a left-handed sugar," Schroeder stated, "and in some people it is more digestible."

Beekeeping is a year-long and rather involved process. And while most beekeepers pursue the interest as a hobby, it is a serious undertaking and one which requires a good amount of time and equipment to be done properly.

In simple terms, bees gather nectar and make it into honey or wax. Beekeepers take surplus honey from the hives, extract it, and prepare it for consumer use.

Schroeder explained that August and September are the prime months for extracting surplus honey, but it can be done at other times if the frames are mechanically heated. He noted it is very important that only surplus honey be removed from the hives since the bees need honey to survive during the winter months.

Once a beekeeper removes a frame of honey from a hive, the first step in the extracting process is removing the wax capping which the bees have placed over the honey to preserve it. Uncapping is done with an electricity or steam heated knife by moving the knife from the top of the frame to the bottom. The wax falls into a tub and the uncapped frame is placed in an extractor.

Schroeder explained that the extracting process is carried out through centrifugal force. When the basket of the extractor is full of frames, a hand or mechanical force turns the basket causing the honey to be forced out of the frames.

"The bees build the combs very precisely and evenly so the honey is forced out as the basket turns," he said.

Once the honey has been removed from the frames, it is moved by pump to a settling tank where it is left for about one week.

"Because honey is a very dense substance, it settles to the bottom of the tank," Schroeder went on to say. It is then drawn from the bottom of the tank and put into 60 pound plastic containers or 55 gallon drums for storage until bottling.

Schroeder said honey can remain on the hives indefinitely, but once it is removed it should be extracted.

"Honey readily draws moisture which could lead to fermentation and dilution of the honey," he said. Also, when the honey is no longer cared for by the bees, it will eventually granulate, he went on to say. The bees work to maintain the

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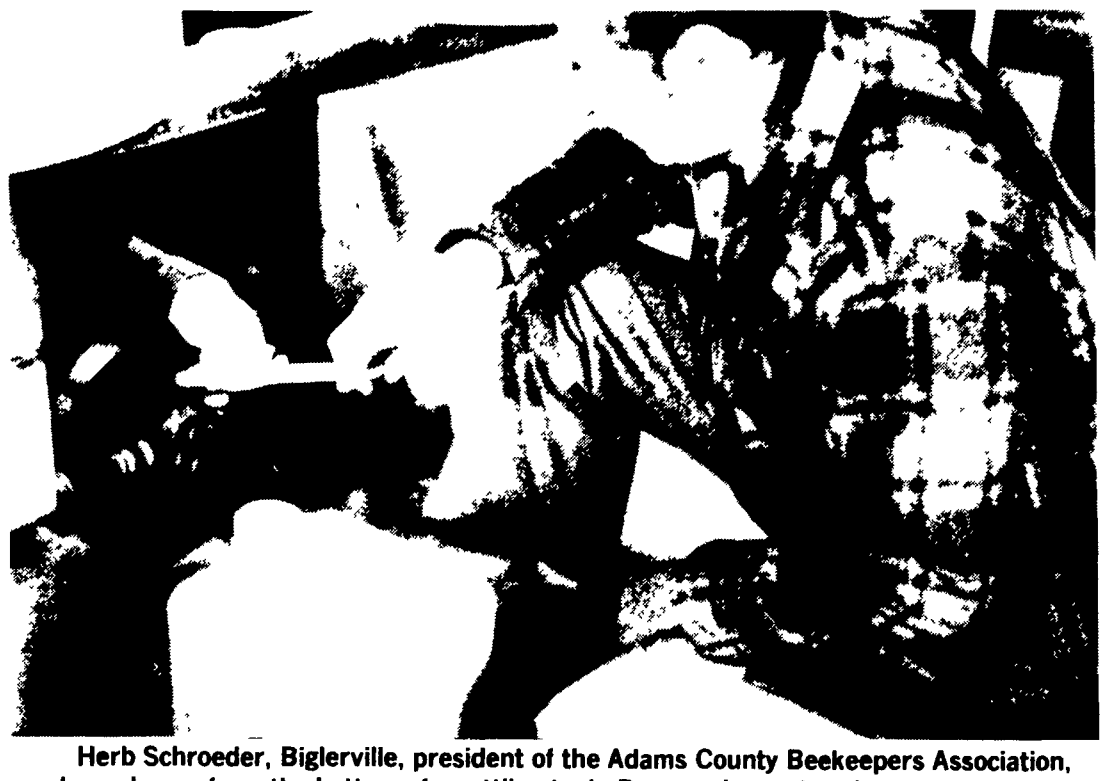

Herb Schroeder, Biglerville, president of the Adams County Beekeepers Association, draws honey from the bottom of a settling tank. Because honey is a dense substance, it settles to the bottom of the tank. Schroeder keeps his money is 60 pound plastic containers.

Removing the wax cappings from the frames is the first step in the extracting process. The bees place the cappings over the honey to preserve it naturally. The wax must be removed with an electrically or steam heated knife.

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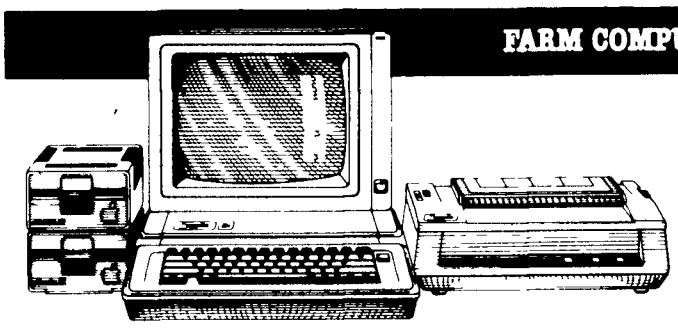

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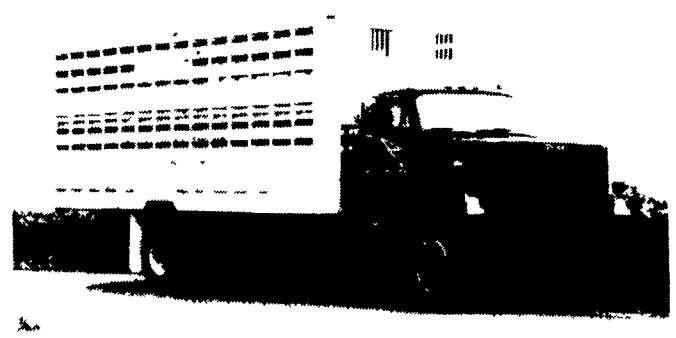

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From cow to consumer, Pine View

BY TRISH WILLIAMS

NEW DANVILLE — The change seemed like a real nightmare to Larry and John Hess and their herd of Holsteins when they moved from a run down 40 cow staunchion barn to a modern milking facility and started to process and sell their own milk.

"Nightmare" may be the word Larry Hess uses to describe the challenging transition the two brothers made in 1971. But rest assured the bold venture is bringing the young partners many a sweet dream today.

Larry in partnership with his father, David, was faced with the decision to renovate the old barn, build a new facility or continue to receive only $5 per hundredweight. Desiring a long and prosperous future in the dairy business, the young dairymen opted to build a new facility and take on his brother as a partner.

In 1971 Larry and John built and opened Pine View Acres, a modern dairy store, milking parlor, processing plant, and free-stall barn, all under one roof.

"At first we didn't want to go to sleep at night," Larry said. "It was such a big change, there was so many new things to remember, we were afraid we'd forget them."

The cows had to adjust to being milked in the new double three side opener parlor. Larry and John had to learn all the ins and outs of the new equipment and learn how to process flavorful high quality milk. And if that wasn't enough, they had to learn how to retail their own milk and stock a grocerette.

The stakes were high, but the Hess brothers had done considerable research on the business venture for several years prior to opening. With their determination, good management, and a location on the well traveled New Danville Pike only four miles south of Lancaster, Pine View Acres has prospered.

Larry oversees the Pine View herd that now totals 118 cows with a rolling herd average of 16,000 pounds of milk. Housed in one large free-stall barn, the herd is divided into four groups. The milking string is split into high and low producers Dry cows and bred heifers are in a third group, and unbred heifers are in a fourth group.

Larry caters to the individual feed needs of his herd with a Dairy-Tronic computerized concentrate feeder. The feeder mixes two concentrates, a 16 percent protein

Larry Hess

Through a glass window in the front of the milking parlor, customers can watch Larry Hess as he milks the cows.

Promoting good customer relations

Pine View Acres dairy store, is located on route 332, the New Danville Pike, four miles south of Lancaster.

Housed in one large free-stall barn herd is divided into four groups The foreground, split into high and low p heifers are at the far end of the barn

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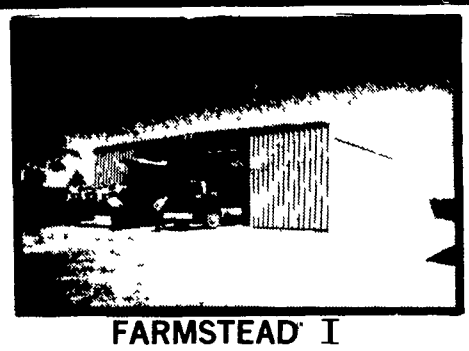

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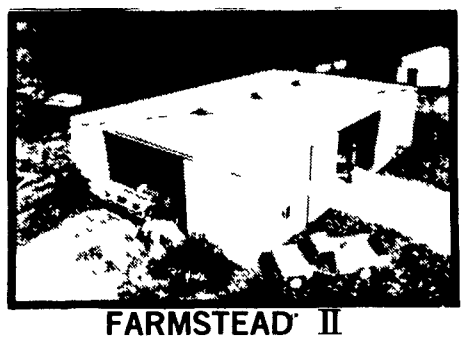

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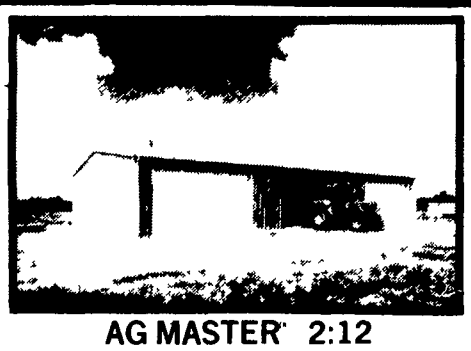

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Acres has it all under one roof

John Hess

John Hess takes a couple half-gallons of ice cream he has made from the storage freezer to stock the freezer in the Pine View Acres dairy store.

barn, the Pine View Acres
The milking string is in the
producers. Dry cow and
n.

concentrate and high moisture ground ear corn, according to the individual cow's requirements. Installed and maintained by West Willow Farmers Association, daily rations can be adjusted on the system at a computer terminal in the farm office. Adjustments are made weekly for level of production and stage of lactation.

For roughage individuals in the milking string receive an average of 55 pounds of corn silage and ryelage daily and five pounds of hay.

All this good feeding provides John, who specializes in processing, with plenty of work.

"I do most of the processing," John said. "Larry does most of the herd work, and we both do the field work. I really like the variety. Your not always working at the same thing."

To keep overhead low, used processing equipment was purchased when possible, and family labor is relied on to get the majority of the work done. At first John, Larry and his wife, Janet did all the work. Janet did all the record keeping and worked in the store. Due to increased patronage, Janet now has help in the store and Larry has a hired herdsman.

With the capability to process 400 gallons of milk per hour, John is still able to do all the processing himself. John processes milk four times a week in order to give customers the freshest farm milk around.

A fresh approach is also taken in packaging. Pine View Acres milk is marketed in a pitcher-pack. The milk is sealed in half-gallon plastic bags, which fit neatly in a plastic pitcher. The pitcher costs 79 cents and can be used repeatedly by the customer. When John and Larry decided on the pitcher-pack, they were sure if there would be a problem of consumer acceptence. But goods sales proved their fears unfounded. The ingenious system helps guards the quality of the milk better than some conventional packages because it allows air to be excluded from the opened bag and resealed.

John makes whole milk, skim milk, low fat milk and chocolate milk. The milkfat removed to make low fat and skim milk is added to the whole milk to give it a richer flavor. In the summer John also makes 300 gallons of ice cream, in the winter he makes about half that amount. Fruit drinks are made year, and Christmas and Easter he makes eggnog. Yum!

Everyone puts their heads together when it comes to sales and promotion. A slump in sales after the Christmas holidays resulted in a rather inventive sales scheme. Pine View Acres offered customers a January White Sale, that gave them 10 cents off the price of a gallon of milk.

Calfs housed in hutches near the store are a big hit with kids of all ages, says Larry. Picnic tables for the customers are located along side of the store. Large glass windows on the front of the milking parlor and the side of the processing room allow customers to see how the milk goes from cow to consumer. This good layout and customer relations heightens the farm fresh flavor of their products and enables the Hesses to draw customers who may have to drive past one or two convenience markets to get to Pine View Acres.

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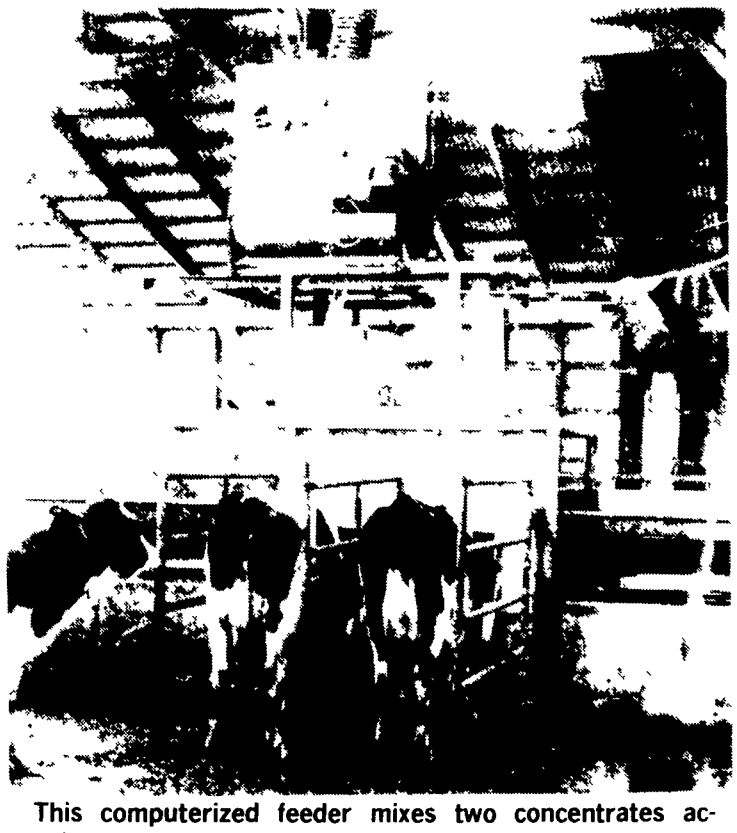
Computerized feeders



This computerized feeder mixes two concentrates according to the individual cow's nutrient requirements.

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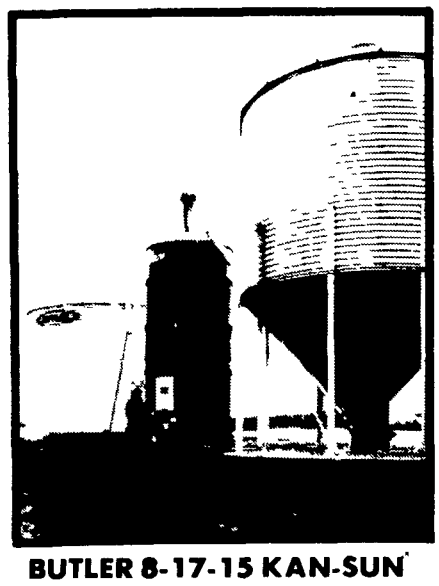

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Adams County beekeepers

(Continued from Page A19)

proper humidity level by circulating air within the hive.

Bees have a number of enemies, Schroeder added, including the weather which can get too severe for them. In the winter, he explained, the bees cluster within the hive. "They actually form a chain, with the outer ones keeping the inner ones warm," he stated. At the center of the cluster the temperature is around 93 degrees, a temperature which must be maintained to raise young. Mice and skunks are two other enemies which beekeepers must contend with during the winter months, Schroeder added. Both rodents are capable of seriously damaging the hives.

Another enemy of the insects is disease. A goal of the Adams County group is to prevent disease through control and prevention methods, Schroeder said. He explained that American foulbrood and European foulbrood, two serious diseases which affect bees, are easily transmitted by robber bees from stronger colonies.

"They severely weaken the colony and in the advanced state of the disease, beekeepers are sometimes asked to destroy a colony to prevent the spread of the disease," he said.

Ironically, bees are needed in orchard growing areas to pollinate the fruit crop, but because of some spray materials being fatal to the bees, orchards are among the worst areas to keep bee hives, Schroeder said.

Orchard spraying has an adverse effect on the bees, although growers do not usually spray insecticides during the blossom period when bees are actively working the flowers. However, once the blossoms are off of the tree, the bees move to work the clover or other nectar bearing growth in the orchard. This is where the damage is done, Schroeder explained. He added that how and when sprays are applied can have a bearing on whether or not the bees will be affected by the spray.

Honey is not the only by-product produced by the bees. Pollen, which is high in protein, is obtained from the bees and is becoming a popular health food items. Propolis, used as a base for varnishes, is also produced. Beeswax which is removed from the cappings formed over the honey, is used extensively in the cosmetics industry and makes the finest candles. The wax is also used to build the foundation for the frames which are placed in the hives. Bee venom is also used to treat rheumatoid arthritis and in desensitizing people who suffer allergic reactions.

One colony of bees can produce 50 to 60 pounds of surplus honey in one year, according to Schroeder. A good amount of the honey produced locally is also sold in the Adams County area, he went on to say.

"Some beekeepers take their honey to market while others sell it locally," he added.

The last word in successful honey production is to have strong and healthy bee colonies, Schroeder stated. That is the aim of the Adams County association.

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Mid-Atlantic Direct Marketers to convene in Lancaster

LANCASTER — The 1984 Mid-Atlantic Direct Marketing Conference will be held at Americana's Host Farm Resort in Lancaster on February 21-23. Some of the finest direct farm markets in Pennsylvania are located in Lancaster County. With over 50 such markets in the county, direct marketing is highly competitive.

On Tuesday afternoon, Feb. 21, a tour of three selected direct markeing outlets in the Lancaster area has been planned. Last year was the first time to have a tour with the conference and it was a big hit. This year the tour will include Cherry Hill Orchards Outlet, Pine View Dairy Market, and Central Lancaster's Farmer's Market.

Wednesday's schedule offers a full day of seminars, workshops, and panel discussions. A general session in the morning will focus on merchandising. Multiple educational sessions in the afternoon will deal with displays, merchandising, advertising, and promotion. A panel discussion will address the question of how to get started in direct marketing. A separate session will address concerns of milk juggers.

Wednesday evening convention goers will have the opportunity to dine and relax. A banquet and presentation of awards are schedule early in the evening followed by dancing, swimming and entertainment.

"Motivation and success stories" are the subject of Thursday's general sessions. Successful direct market operators will talk on selecting and training employees, and bringing customers back

A commercial exhibit area will feature over 50 exhibitors who will have displays set up throughout the entire conference.

Sponsors for the event Cooperative Extension Service in Delaware, Maryland, New Jersey and Pennsylvania, Retail Farm Market Division-PFA, Maryland Farm Market Association, Pennsylvania Milk Jugging Association, and the soon to be formed Delaware Direct Marketing Association.

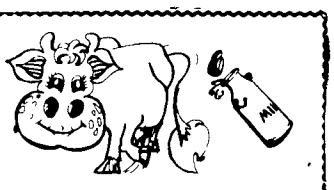
Registration for the tour and conference is required. A late registration fee can be avoided by registering with one of the above sponsors before Feb. 14.

Persons who would like to have accommodations at Host Farm Resort, should contact the resort directly at telephone 717-299-5500

Brubaker to speak

EPHRATA — David Brubaker, Executive Vice President of PennAg Industries Association, will speak at a meeting of The Fertilizer Institute (TFI) on Thursday.

A long-standing member of the TFI Resource Use Subcommittee, Brubaker will address the group concerning the role of state associations in combatting non-point pollution problems. He will deal with the work of associations in educating the press, public, farmers and fertilizer dealers and manufactures about this environmental hazard.



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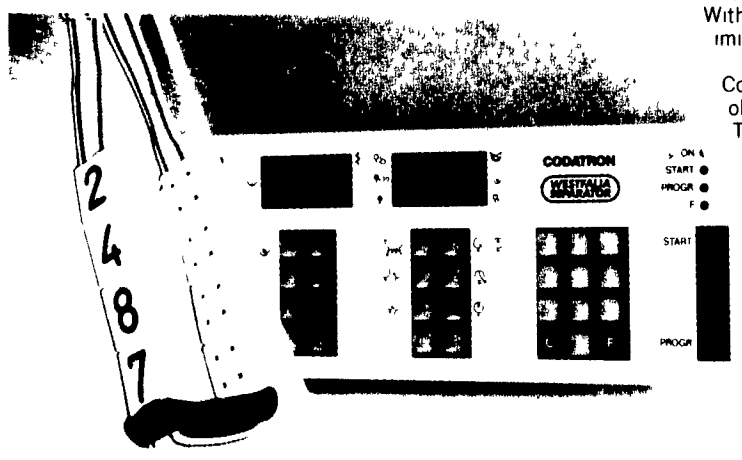

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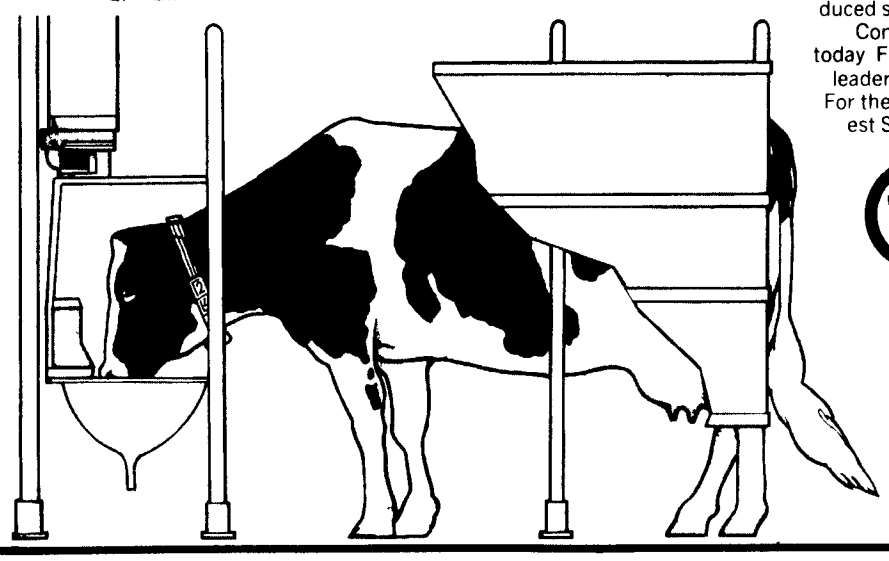

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Inter-State District 11 primed on promotion

BY TRISH WILLIAMS

COCHRANVILLE — Milk promotion, what is being done and how to gear up for higher milk sales, was the central focus of discussion Thursday at the Inter-State Milk Producers Cooperative, District 11 annual meeting.

Dairymen were told by Dick Norton, manager of the Atlantic Dairy Association, that whether they were involved previously in voluntary milk promotion programs, that, "We will all be partners in promotion in 1984."

Norton, was referring to the mandatory 15 cents deduction for a national milk promotion program that is scheduled to begin sometime this spring. Discussions among dairymen at the meeting seemed to indicate a stronger tendency to support a long range promotion program than participation in the Milk Diversion Program.

Inter-State's 1983 schedule of operating expenses also pointed to this trend towards more promotion. Last year the milk marketing cooperative spent $71,191 dollars on promotion, more than double the amount that was spent the previous year.

Officials of Inter-State are seeking an amendment to the present voluntary milk promotion program in Federal Order 4, reported James Fraher, economist for Inter-State. The amendment being sought calls for a reduction in the amount voluntarily contributed from 14 cents per hundredweight to 10 cents. This comes as a result of the new national promotion program, which mandates a 15 cent deduction, of which 10 cents can be contributed to an existing promotion program.

Fraher told members that there would be no suspension of the Order 4 base period next fall due to the new Milk Diversion Program. He said, Inter-State did not request a freeze on bases from Order 4 because they felt it would be unfair to dairymen who were not participating in the diversion program.

"Present guestimates for participation in the program indicate a reduction in overall production of about six percent," the economist said

He advised farmers to plan on a $1 reduction in the price of milk throughout the diversion program when figuring whether to contract to reduce their production.

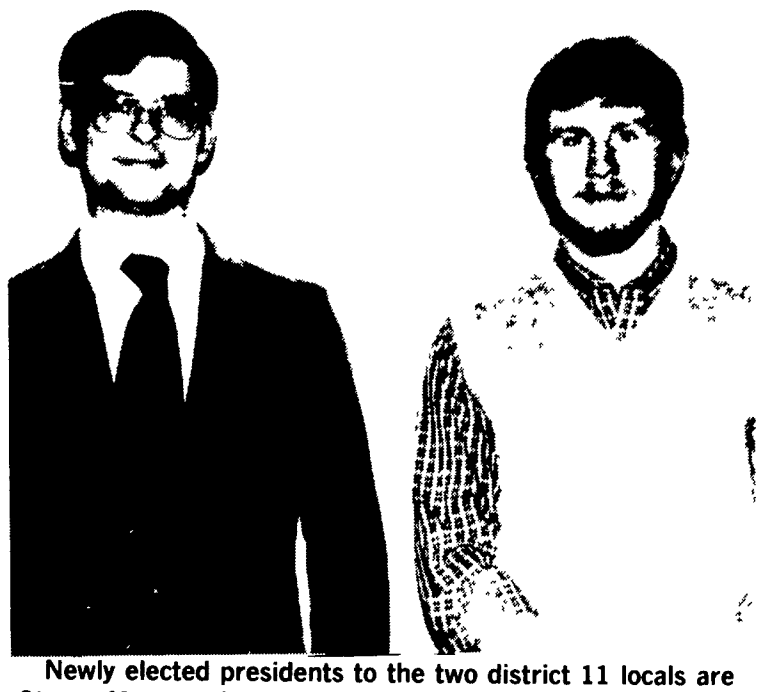
Inter-State made a net margin of $993,772 in 1983, Fraher said. Improvements were made at the Holly milk plant during 1983, that will give the co-op more flexibility. The improvements were costly, but makes the Holly plant better equipped to work as a balancing plant, and so should result in increased profits in the future.

Fraher also reported as a result of increased interest in component pricing by members, a committe has been formed to work toward implementation of a component pricing system.

Steve Mason, Oxford local delegate to the Inter-State annual meeting, reported on the new quality premium program which became effective on Jan. 1. The program pays producers who meet stringent quality standards a seven cents premium per hundred weight for their quality milk. Mason said, Inter-State producers last year received the highest average gross income since the co-op's inception. Inter-State has expanded its marketing area, mainly into New York City, he added.

"You can count as one of your blessings that you are in one of the most populated areas of the United States," Dick Norton told members.

Speaking on the power of promotion, Norton said, we need to be more aware of age demographics, listen more carefully to consumers' desires and spend most of our advertising dollars where largest concentrations of people are, the urban areas.



Newly elected presidents to the two district 11 locals are Steve Mason, Oxford local, left, and Duane Hershey, Cochranville local.

A 25 year membership award was presented to the William Hostetter Family. Accepting the award from Steve Mason on behalf of the family is Bill Hostetter, right.

Norton made a colorful audio-visual presentation of milk advertisements that will be aired on TV, radio and billboards in the coming year.

Following the program, newly elected officers of district 11 were announced. Serving the Cochranville local will be, Duane Hershey, president; Charles Harris, vice president; Harry Troop, secretary-treasurer; Harry Troop, Terry Stauffer, and James McClellan, delegates; and, Williams Shepherd, hauling committee.

Serving the Oxford local will be, Stephen R. Mason, president; Charles Moore, vice president; Hoopes Yarnall, secretary-treasurer; Charles Moore, William Hostetter, Joel Brown, and James Pebble, delegates; and William Shepherd, hauling committee.

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Inter-State District 12 honors members, elects officers

BY LAURA ENGLAND

QUARRYVILLE — Inter-State Milk Producer's Cooperative District 12 held its annual meeting Thursday to honor two of its members and elect new officers and delegates.

Receiving special recognition were the Rev. F.S. Dyrness and dairymen Joseph L. Fisher. On behalf of the Presbyterian Home Farm, of Quarryville, Rev. Dyrness accepted a 50-year membership award. The Presbyterian Home Farm consists of three farms managed under one ownership.

Joseph L. Fisher, of 162 Paradise Lane, Ronks, received a quality milk production certificate. The award is presented to dairymen who, for 11 consecutive months, have been named to Inter-State's quality producer honor roll.

In presenting the quality production certificate to Fisher, district director Curtis E. Ackers explained the quality bonus payment Inter-State implemented Jan. 1.

Producers will receive a seven cent per hundred weight bonus provided the following are met: a standard plate count of 10,000 or below; a PI (pre-incubation) count of 40,000 or below; a somatic cell count of 300,000 or less; no antibiotics nor added water; no quality problems; and farmers must receive a passing inspection score.

The quality bonus is based on a monthly plan, Akers said, and dairymen will receive the bonus any month that all the above requirements are met.

Guest speaker Robert Dever, assistant general manager for Inter-State, also stressed the need for quality production. "Quality is an important part of our whole organization," Dever said. "There is a need for us to produce quality products."

Dever, who's been with Inter-State for 14 years, reported on the national surplus situation, stating that a surplus of 16 to 17 billion pounds of milk was purchased by the government in 1983. This situation is "extremely intolerable," he said, and the industry realizes this problem.

In an attempt to correct the problem, a dairy compromise bill was passed, and the bill is just that - a compromise, Dever said. While much of the surplus milk is produced in the mid-west, a nationwide cutback in production is needed, Dever said.

Dever told the dairymen that the decision to participate in the program is an individual matter. Farmers must look at their own situations and determine if the program will work for them.

Inter-State Milk Producer's District 12 officer are, from left, David DeLong, Quarryville local vice president; James Bowman, Christiana local president; Steven Neff, Quarryville president; Kenneth Beiler, Christiana secretary-treasurer; and Willis Krantz, Quarryville secretary-treasurer.

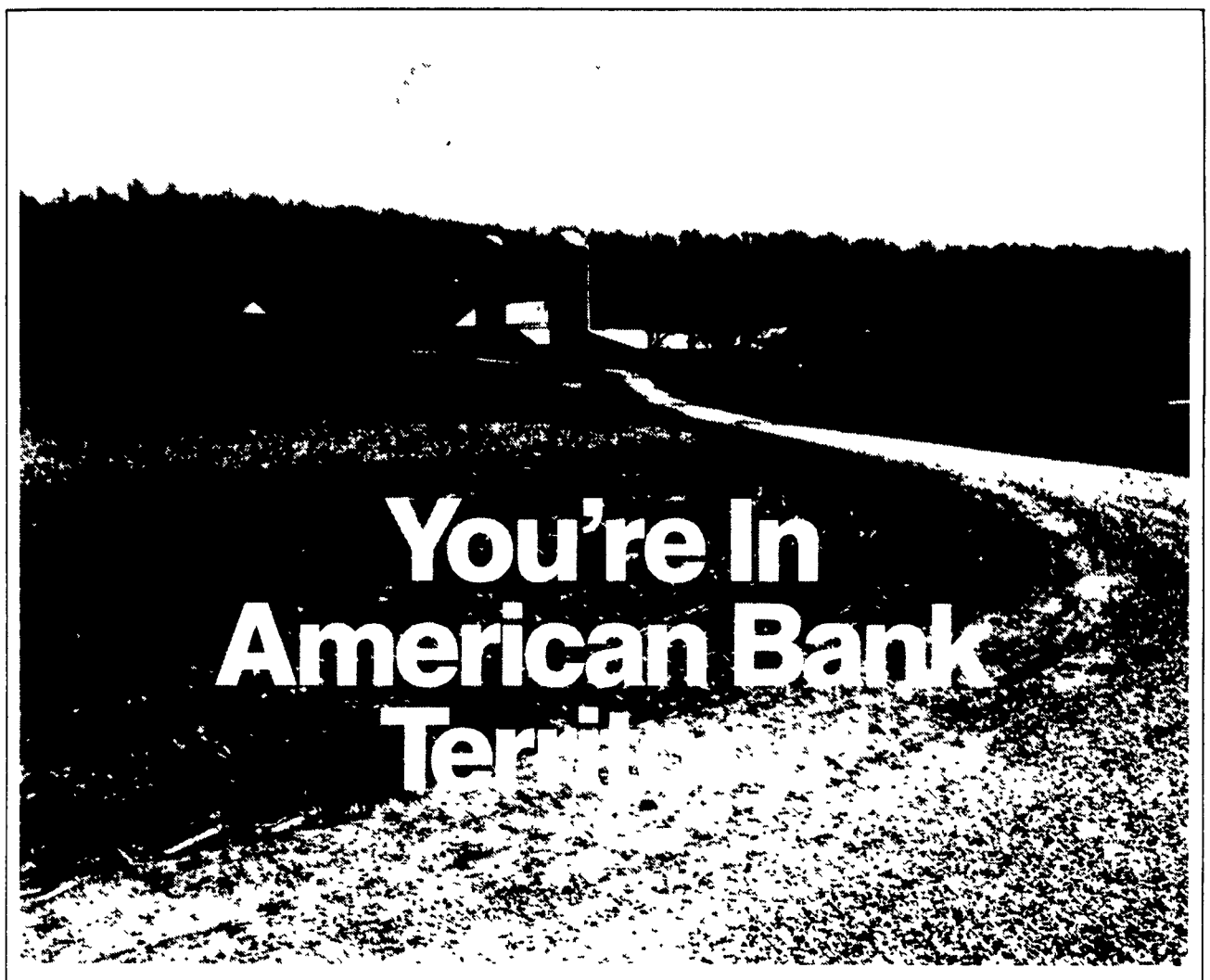
In other business, new officers and delegates were elected. District 12 is divided into the Quarryville and Christiana locals, and both locals elected officers.

Steven Neff, of R4 Quarryville, was elected president of the Quarryville local. David DeLong, of R1 Quarryville, was elected vice president and Willis Krantz, R1 Quarryville, was elected secretary-treasurer.

Delegates include A. Dale Herr, John Brubaker Jr., Vernon D. Umble, P. Robert Wenger, Kenneth Rutt, James G. Kreider and Donald Herr. Alternate delegates are C. Dale Bollinger, J. Kenneth Landis, Robert L. Weaver, R. Edwin Harnish, Melvin Brenneman, Kenneth W. DeLong and John H. Myer.

In the Christiana local, James Bowman, of Paradise, was elected president. Vice president is Roy Neff and secretary-treasurer is Kenneth Beiler of R1 Paradise.

Christiana local delegates are Calvin D. Beiler, Ivan Bowman, Lloyd G. Kreider and L. Delmar Neff. Alternates include Thomas L. Kackel, Kenneth B. Stoltzfus, Jesse L. Irwin and Gilbert S. Martin.



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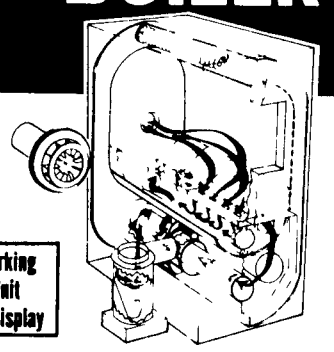

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Dairy Herd Mgt. Conference set Feb. 16-17

UNIVERSITY PARK — The Penn State Department of Dairy and Animal Science will sponsor a Dairy Herd Management Conference Feb. 16-17 at the Sheraton-Penn State Inn.

The conference this year will emphasize herd health. Research results will be presented by staff members of the Department of Dairy and Animal Science.

The featured speaker will be Dr. Graeme Mein of Australia. Dr. Mein is a world renowned scientist in the area of the milking machine and mastitis. Also participating will be Dr. Jerry Jones of the Virginia Polytechnic Institute and State University from Blacksburg, Virginia.

Registration forms are available from the Penn State Cooperative Extension Service.

A program schedule is listed below.

PROGRAM

Thursday, February 16, 1984

Dr. Paul J. Wangsness, Head, Department of Dairy and Animal Science, Penn State University - Presiding

10:00 AM - **Registration** - Lobby, Sheraton-Penn State Inn

1:00 PM - **Introduction and Welcome** - Dr. Paul J. Wangsness

1:15 - **Dry Cow Care and Management** - Dr. Jerry Jones, Dairy Extension Specialist, Virginia Polytechnic Institute and State University, Blacksburg, VA

2:00 - **Feeding the Dry Cow for Daylight Calving** - Dr. Larry Muller, Professor of Dairy Science, Penn State

2:20 - **Dairy Calf Energy Needs in Cold Weather** - Linda Scibilia, Graduate Student, Department of Dairy and Animal Science, Penn State

2:45 - **Refreshment Break**

3:15 - **Vaccination Programs at Calving Time** - Dr. Larry Hutchinson, Extension Veterinarian, Penn State

4:00 - **Residue Avoidance** - Slides

4:20 - **Stump the Experts** - Previous Speakers

7:00 - **Banquet** - Sheraton-Penn State Inn
Master of Ceremonies - Steve Spencer, Dairy Specialist, Penn State
Speaker - Dr. Graeme Mein - Dairying in Australia

Friday, February 17, 1984

Dr. Earl M. Kesler, Professor of Dairy Science, Penn State University, Presiding

8:00 AM - **Registration** - Lobby, Sheraton-Penn State Inn

8:30 - **Backflushing Units to Control Mastitis** - Wyatt Smith, Graduate Student, Department of Dairy and Animal Science, Penn State

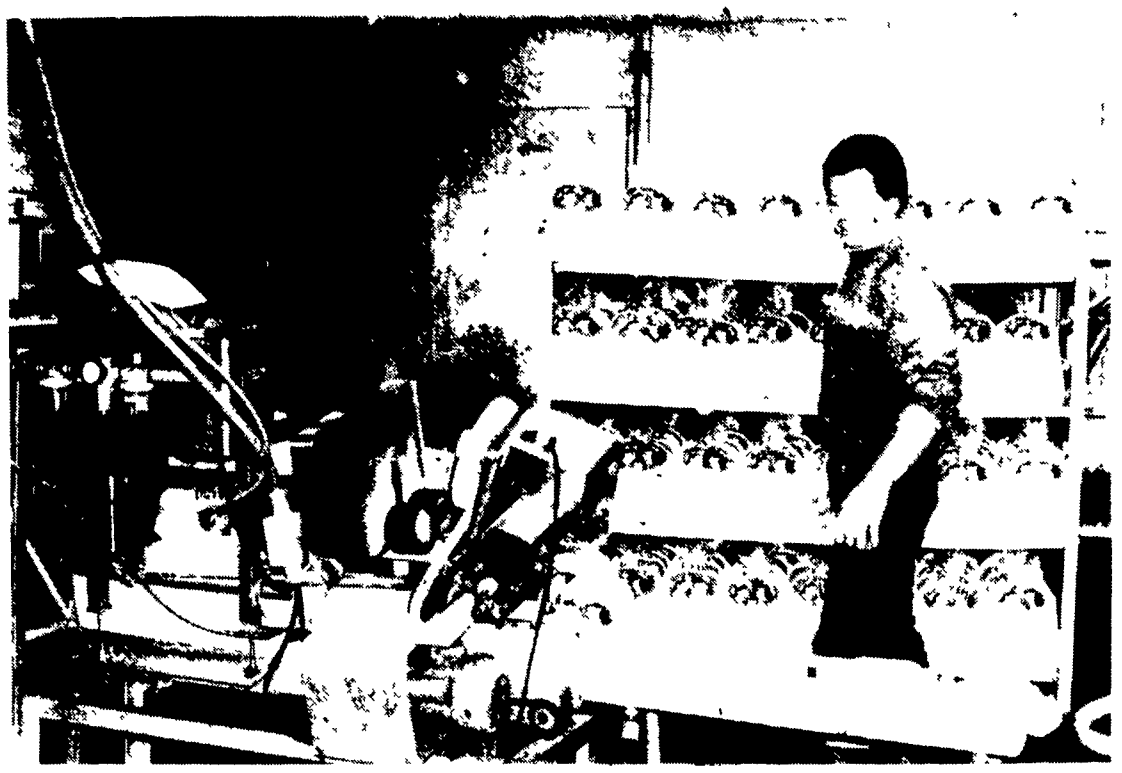
9:00 - **Control of Environmental Mastitis** - Dr. Robert Eberhart, Professor of Veterinary Science, Penn State

9:30 - **Refreshment Break**

10:00 - **The Milking Machine and Mastitis** - Dr. Graeme Mein, Research Scientist, Milking Research Center, Werribee, Victoria, Australia

11:30 - **Dairyman Panel** - Dr. Larry Hutchinson, Moderator

12:00 - **Adjourn**



Two half-gallon bags of milk drop off the conveyor belt into a larger outer bag embossed with a log. THe outer bag is then automatically sealed and John stacks the one gallon package on a rack to be wheeled into the walk-in refrigerator.

Pine View Acres dairy

(Continued from Page A21)

School tours are another way the Hesses promote good customer relations and show school children and their parents how milk is really made.

Undertaking all the milk production and marketing functions, from cow to consumer, has made Larry and John real advocates of milk promotion and advertising. Larry campaigned aggressively to get the milk promotion referendum passed in Pennsylvania two years ago, only to have it defeated. He sees the 15 cents deduction for promotion and the opportunity for a national referendum in September of next year as the brightest spot of the new dairy legislation and hopes other dairymen will support it.

Milk is packaged into half-gallon plastic bags by this French made machine. Bags are then swept away by a conveyor belt.

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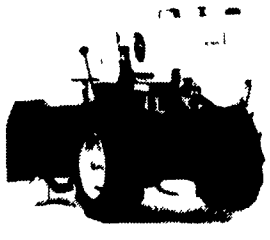

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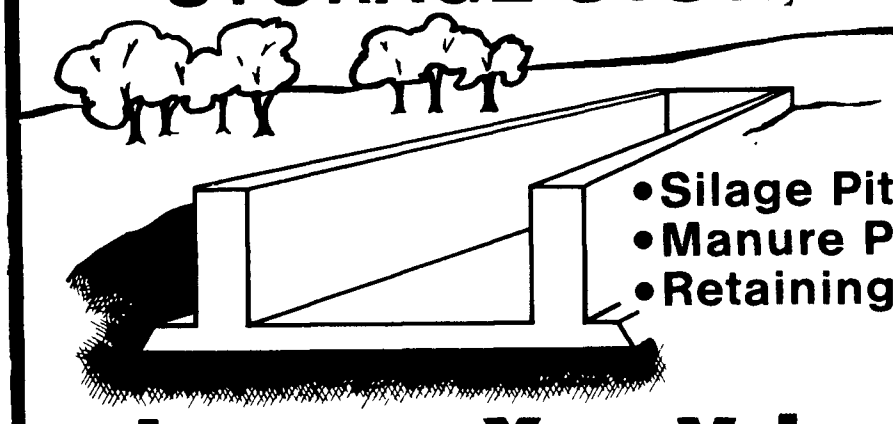

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Breeding cows for higher protein

UNIVERSITY PARK — Breeding cows for higher protein milk could result in consumers getting better milk and cheese products without paying more, says a dairy scientist at Penn State.

The technique could be economically rewarding to dairy farmers who sell high protein milk, says Dr. George Hargrove, University professor who conducted research in protein breeding.

"Protein content could be the trait of the future, or even now," he says. "So we have to give it some attention."

Though milk pricing historically has been determined by pounds of milk with a differential for fat content, Dr. Hargrove says implementing a protein pricing system could benefit the dairy industry.

Fat has a poor reputation among consumers, he says, while "cheese right now is the bright spot in the dairy industry. If the consumer public knew we were paying more for high-protein milk to produce better cheese, the whole system would be perceived more favorably."

For his study, Dr. Hargrove tested about 140 herds for protein content. In addition, dairy farmers from throughout Pennsylvania subscribed to protein testing at their own expense. Milk samples were analyzed for protein content with electronic machines at Penn State's Dairy Herd Improvement Service Center.

Dr. Hargrove says protein content is about 64 percent heritable. In order to breed for high protein, he explains, farmers use the data collected in protein testing to select the cows with highest protein content and then identify sires that will transmit the protein trait to their offspring.

"The principles and procedures of high-protein breeding are the same as in any order breeding," he says. "You need to select superior cows. The part of the process that makes it new is collecting the data."

Because it takes extra feed to produce high-protein milk, Dr. Hargrove suggests farmers receive more money for their high-protein milk from processors of milk and cheese.

In turn, the processors will be able to make more cheese with the high-protein milk. Because their increased production will represent improved efficiency, the extra price should not be picked up by the consumer, he says.

"If a protein premium were introduced, the person producing milk with higher protein would get more money from the processor. It can be a reward system for those producing the richer milk, but I don't see any real influence on the consumer. The processors will just pay more to farmers who can market high-protein milk."

Dr. Hargrove predicts the dairy industry will see a "creeping effect" of more processors "paying attention to protein in the pricing scheme. We've laid the basis and we're now getting the data to know which cows are good."

Currently all Pennsylvania cows enrolled with the Dairy Herd Improvement Association are tested for protein in their milk. "I sense an overall increased interest in protein information," he states.

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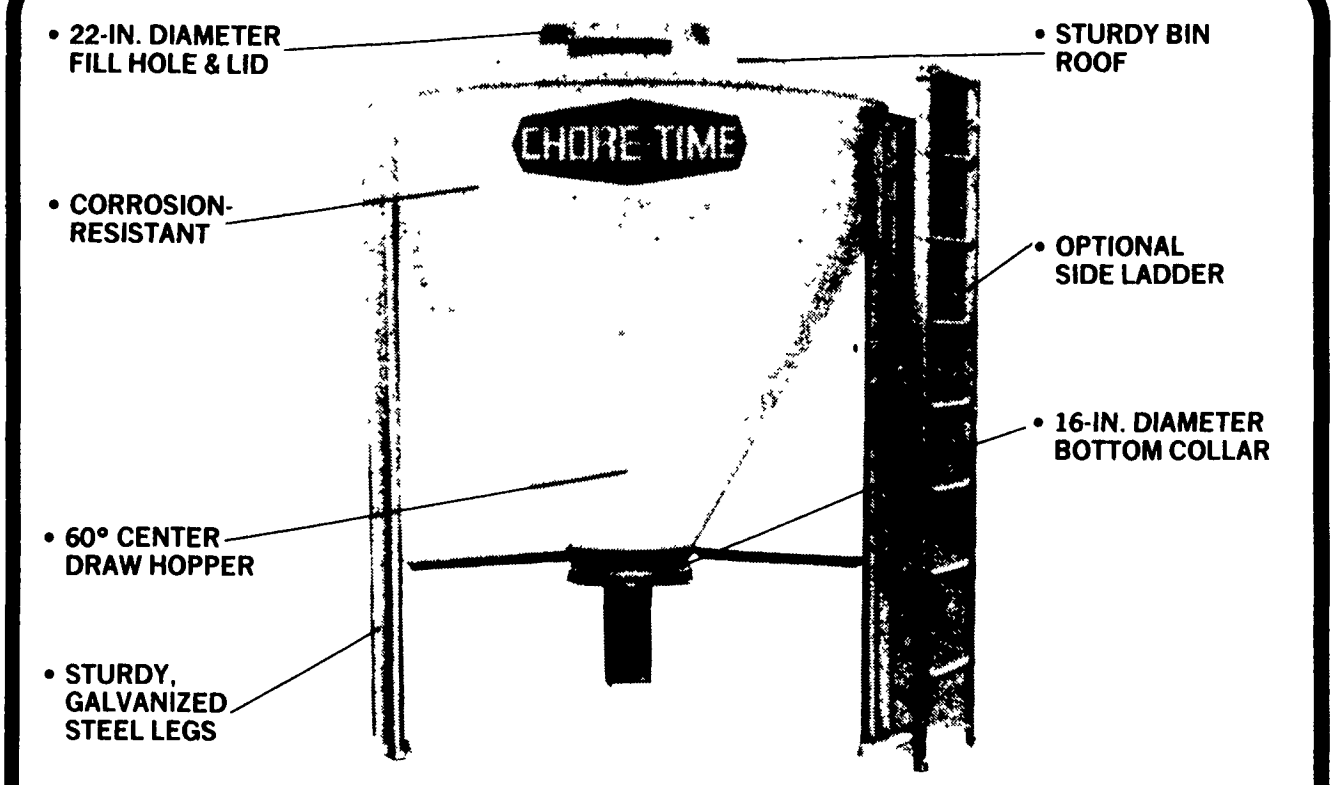
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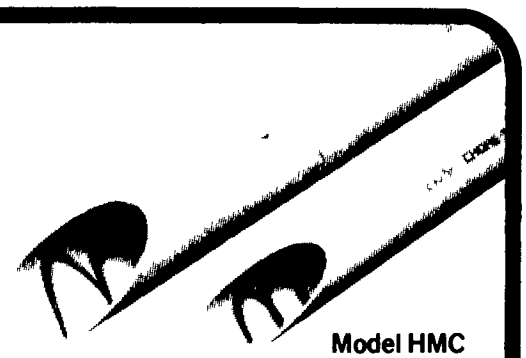

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Montana free of brucellosis

WASHINGTON, D.C. — All but a small portion of western Montana has been classified free of cattle brucellosis, a U.S. Department of Agriculture official said today.

"Montana's application to be classified as two areas was reviewed the approved by USDA and a special committee of the U.S. Animal Health Association," said Bert Hawkins, administrator of USDA's Animal and Plant Health Inspection Service.

"Montana is the second state to have a combination of class A and free areas. Wyoming is the other state so classified," he said.

"Montana was previously a class A state — which means no more than 0.25 percent of its market-tested cattle were infected. A free rating means the state has had no known infection for 12 months or longer.

"Normally, a whole state is rated free, class A, B or C, depending on its herd infection rate," said Hawkins. "A state may have two areas of classification, however, if it can exercise the necessary controls over cattle movements between the areas."

Since Montana has an effective brand law, state officials can control the movements of breeding cattle from the seven-county area that remains class A, Hawkins said. Also, the area is separated by mountains from the 48 counties that are brucellosis-free.

"Cattle from free areas or states can be moved without brucellosis tests if identified to source," Hawkins said. "Post-movement tests are recommended for shipments crossing state lines, however, because of possible exposure en route."

Dalton Paul honored at Farm Show

Dalton Paul, Chambersburg, center, makes acceptance remarks after being cited by Pennsylvania Secretary of Agriculture, Penrose Hallowell, left, for "Outstanding Contribution to Urban-Rural Development Leadership". Paul received the walnut-engraved plaque during ceremonies at the recent Pennsylvania State Farm Show. He was cited for having given outstanding leadership to the Franklin County Farm-City Week Committee for the past ten years, as well as for serving as vice-chairman of the 1983 Pennsylvania State Farm-City Week Council. Paul is administrator at the Franklin County Vo-Tech School. Dennis Grumbine right, 1983 Pennsylvania Farm-City Week Council Chairman, assisted in making the presentation.

Franklin County was also awarded a walnut-engraved plaque for "third place" among all Pennsylvania counties in their Farm-City Week programs.

Potato research amended

WASHINGTON, D.C. Based on evidence from a public hearing held Nov. 8 in Denver, Colo., the U.S. Department of Agriculture has recommended amending the national potato research and promotion plan.

Charles Brader, a marketing official with USDA's Agricultural Marketing Service, said the public may submit comments on the recommended decision until Jan. 16.

Authorized by the Potato Research and Promotion Act, the program is financed by an assessment on potatoes handled. Producers who do not wish to contribute are reimbursed upon written request.

The proposal would authorize an increase in the maximum rate of assessment from 1 cent per hundredweight to one-half of 1 percent of the past 10-year U.S. average price received by growers, as reported by USDA.

"The increase is intended to counteract inflation that has curtailed program activities in recent years," Brader said.

If USDA's final decision still favors the amendment after comments are considered, the proposal would be put to a vote of potato growers in the 48 contiguous states. To become effective, the amendment would have to be approved by two-thirds of the growers voting, either by number or by volume of potatoes represented.

Comments should be sent in duplicate to the Hearing Clerk, Rm. 1077-S, USDA, Washington, D.C. 20250, where anyone may see them.

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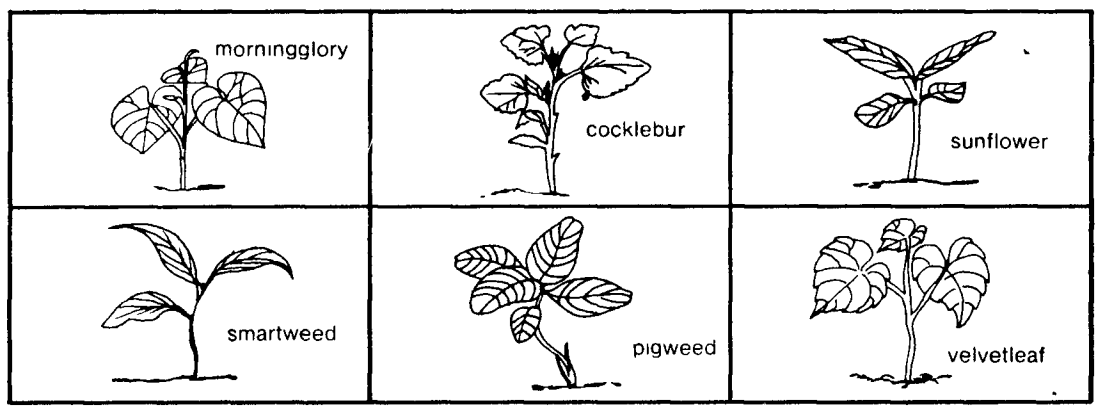

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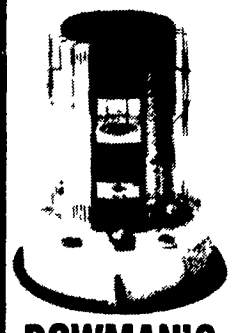

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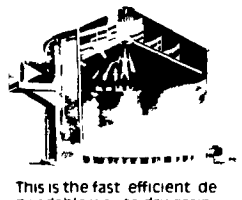

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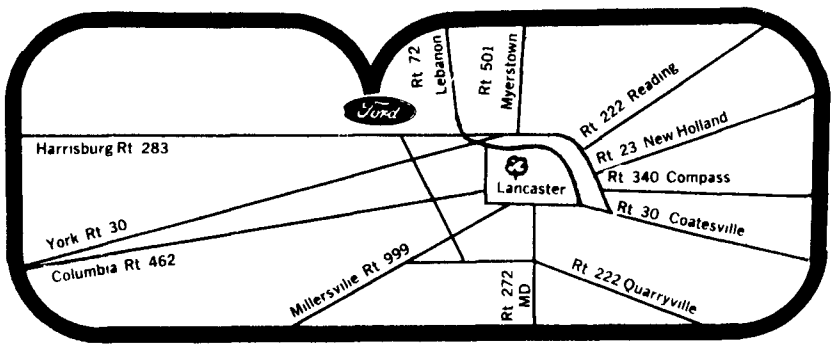

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Md. plans pesticide conference next week

COLLEGE PARK, Md. — The 13th annual Maryland Agricultural Pesticide Conference is scheduled at two locations next week on consecutive days east and west of the Chesapeake Bay.

An Eastern Shore version is set for Wednesday at the Wicomico Youth and Civic Center in Salisbury. On Thursday, a virtual rerun will be presented at the Sheraton Inn. south of Frederick.

The daylong educational program will include presentations on enforcement history, legal ramifications of pesticide misuse, cross-contamination prevention, pyrethroid insecticides, post-emergence grass herbicides, and disposal of pesticides and used containers.

In addition, bulk handling of pesticides will be addressed at the Frederick meeting, according to Amy E. Brown, Extension pesticide coordinator in the entomology department at the University of Maryland in College Park. Ms. Brown is this year's conference coordinator.

She reports that registration at both meeting sites will begin at 8:30 a.m., with the program sessions getting under way promptly at 9 o'clock. A registration fee which includes lunch will be payable at the door.

Local arrangements for the Salisbury meeting are being handled by Wayne V. Shaff, county Extension agricultural agent in Wicomico county; phone: (301) 749-6141. Arrangements at Frederick are being handled by Terry E. Poole, county Extension agricultural agent in Frederick county; phone: (301) 694-1594. Further information is available from Ms. Brown's office on the College Park campus; Phone: (301) 454-7127.

The conference is intended for county Extension agents as well as agricultural custom pesticide applicators, dealers, distributors and sales representatives. In addition, plant protection workers from the Maryland Department of Agriculture will be on hand. Other interested persons — especially farmers — are also welcome.

As in most past years, the meeting will serve as the initial distribution point for the annual edition of Maryland Extension Bulletin 237, Pest Control Recommendations for Field Crops. It is also a qualifying meeting for state recertification in Category I for custom applicators.

Since its inception in 1955, the pesticide conference has been conducted each year by Cooperative Extension Service specialists from the University of Maryland. The state Department of Agriculture has been a co-sponsor since 1973.

Next week's meetings mark the return to a traditional policy of separate meetings on both sides of the Chesapeake Bay. In two previous years, the conference had followed the one-day, one-location policy which marked its early years.

This year's Eastern Shore meeting site — the Wicomico Youth and Civic Center — is located behind the Salisbury Shopping Mall, off U.S. highway 50, in southeast Salisbury.

The western Maryland site — the Sheraton Inn — is located south of Frederick, adjacent to the Francis Scott Key shopping mall, near the intersection of highways I-270 and 85 (Buckeystown Pike).

Sire Power names manager

TUNKHANNOCK — Michael Creek, Blacksburg, Va. has been named to the staff position of National Sales Manager for Sire Power, Inc., according to R. Rinell Vincent, Director of Marketing.

As National Sales Manager, he will be responsible for Sire Power sales throughout the United States, outside the Sire Power membership areas of West Virginia, Maryland, New Jersey, and Eastern Pennsylvania. He will supervise Sire Power Regional and District Sales Managers, and Sire Power Domestic Distributors.

He brings to his new position a strong background in agriculture. Prior to his new appointment, he served as the District Sales Manager for Sire Power in Southern Vir nia and North Carolina since ɔanuary of 1982.

He is a graduate of Virginia Polytechnic Institute and State University (VPI) with a degree in Dairy Science.

Also, since 1978 Mike has worked on the Palmyra Ayrshire Farm of Ralph W. Shank, Sr., Hagerstown, Maryland, with various responsibilities.

While an undergraduate of VPI, Mike was active in the Virginia

Michael Creek

Tech Dairy Club serving as Chairman of the 1980 Little All-American Banquet Committee, and Chairman of the club's annual cheese sale in 1981. He was also a member of the 1981 VPI Dairy Cattle Judging Team, and served on other dairy club committees, as well as Vice-President of the Virginia Tech Wildlife Society. Active in breeding and showing dairy cattle, Mike is a member of the Ayrshire Breeders Association.

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Best dairy goat doe honors to Susan Miller

FARM SHOW — Best Doe in the Dairy Goat Show honors went to Susan E. Miller, R1 Furlong, Bucks County, in the windup of competitive judging at the 1984 Pennsylvania Farm Show on Friday, Jan. 13.

Other top honors she won included the grand and reserve grand championships in the Lamancha breed.

The top doe, Rockspring Tonka Ultra Violet, also took grand-champion and best udder honors at the past year's National Show in Louisville, Ky.

Ann Miller, also of R1 Furlong, took the grand and reserve grand champion titles in the Toggenburg classes.

Dennis Dominic, of R1 Fogelsville, Lehigh County, exhibited the grand champion Saanen doe and the reserve grand champion recorded grade doe.

Other top double winners were Cheryl Eschbach, of R1 Kempton, Lehigh County, with the grand and reserve grand championships among Nubians and Fred Leader, of R1 Wellsville, York County, who captured similar honors in the Alpine classes.

Edward Sollers, of R1 Alexandria, Huntingdon County, took the grand championship in recorded grades; while Tracy Bowen, of Port Royal, Juniata County, showed the reserve grand champion Aaanen doe.

Results of the judging include:

LAMANCHA

Kids, Under 8 Months
1 Edward Sollers Alexandria

Kids, 8 Months and Under 10 Months
1 Susan Miller Furlong 2 Tammy Spitler Newmanstown 3 Heath J Fisher Robesonia

Kids, 10 Months and Under 2 Years
1 Tammy Spitler 2 Edward Sollers 3 Cindy Hull Ruffsdale

Junior Champion
Susan Miller

Reserve Junior Champion
Tammy Spitler

Doe in Milk, Under 2 Years
1 Susan Miller, 2 Tammy Spitler

Does in Milk, 2 Years to 4 Years
1 Susan Miller 2 Tammy Spitler 3 Lorraine E Eschbach Kempton

Senior Champion
Susan Miller

Reserve Senior Champion
Susan Miller

Grand Champion
Susan Miller

Reserve Grand Champion
Susan Miller

Champion Challenge
Susan Miller

Dam and Daughter
1 Susan Miller 2 Tammy L Spitler 3 Edward Sollers

Get of Sire
1 Tammy Spitler

Herd Group
1 Susan Miller 2 Tammy L Spitler

Best Doe Bred by Exhibitor
1 & 2 Susan Miller 3 Tammy Spitler

ALPINE

Kids, Under 8 Months
1 & 2 Cheryl Eschbach Kempton 3 Mark Price Douglassville

Kids, 8 Months & under 10 months
1 & 2 Fred Leader Wellsville 3 Michelle A Haines Honey Grove

Kids, 10 months & under 2 year
1 & 2 Michelle A Haines Honey Grove 3 Leslie K Bowen Port Royal

Junior Champion
Michelle Haines

Reserve Junior Champion
Michelle Haines

Does in Milk, 2 years & older
1 & 2 Fred Leader Wellsville 3 Richard L Bowen Port Royal

Senior Champion
Fred Leader

Reserve Senior Champion
Fred Leader

Grand Champion
Fred Leader

Reserve Grand Champion
Fred Leader

Champion Challenge
1 Fred Leader 2 Cheryl Eschbach

Dam & Daughter
1 Fred Leader 2 Cheryl Eschbach 3 Richard L Bowen

Get of Sire
1 Michelle A Haines 2 Cheryl Eschbach 3 Richard Bowen

Best Doe Bred by Exhibitor
1 Richard L Bowen, 2 Michelle A Haines 3 Cheryl Eschbach

TOGGENBURG

Kids, under 8 months
1 David A Duchess Washington 2 Mark Blouch Bethel 3 Leslie K Bowen Port Royal

Kids, 8 months & under 10 months
1 & 2 Ann J Miller Furlong, 3 David A Duchess Washington

Kids, 10 months & under 2 years Not in Milk
1 Susan Miller 2 David Duchess

Junior Champion
Ann Miller

Reserve Junior Champion
Ann Miller

Does in Milk, under 2 years
1 Mark Blouch

Does in Milk, 2 years to 4 years
1 Susan Miller, 2 & 3 Ann J Miller

Does in Milk, 4 years and older
1 Ann J Miller

Senior Champion
Susan Miller

Reserve Senior Champion
Ann Miller

Grand Champion
Ann Miller

Reserve Grand Champion
Ann Miller

Champion Challenge
1 Ann J Miller 2 Susan Miller

Dam & Daughter
1 Ann J Miller 2 David A Duchess

Get of Sire
1 Ann J Miller

Herd Group
Ann J Miller

Best Doe Bred by Exhibitor
Ann J Miller

SAANEN

Kids, 8 months and under 10 months
1 Edward Sollers Alexandria 2 Lorraine Eschbach Kempton

Kids, 10 months & under 2 years (not in milk)
1 Michael L Brubaker Halifax

Junior Champion
Edward Sollers

Reserve Junior Champion
Lorraine Eschbach

Does in Milk, 2 yrs to 4 yrs
1 Dennis Dominick Fogelsville 2 Tracy Bowen Port Royal

Senior Champion
Dennis Donomick

Reserve Senior Champion
Tracy Bowen

Senior Champion
Dennis Domonick

Reserve Senior Champion
Tracy Bowen

Grand Champion
Dennis Dominick

Reserve Grand Champion
Tracy Bowen

NUBIAN

Kids, under 8 months
1 Mark Price Douglassville 2 Heath J Fisher Robesonia, 3 Joanne Dominick Fogelsville

Kids, 10 months & under 2 years
1 Cheryl Eschbach Kempton 2 Don Mellen Slatington 3 Donna Forsman Orrtanna

Junior Champion
Joanne Dominick

Reserve Junior Champion
Cheryl Eschbach

Does in Milk, under 2 years
1 Don Mellen 2 Joanne Dominick, 3 Donna Forsman

Does in Milk, 2 year to 4 years
1 Cheryl Eschbach 2 Joanne Dominick 3 Lorraine E Eschbach

Does in Milk, 4 years & older
1 Cheryl Eschbach 2 Helen Snyder 3 Edward Sollers

Senior Champion
Cheryl Eschbach

Reserve Senior Champion
Cheryl Eschbach

Grand Champion
Cheryl Eschbach

Reserve Grand Champion
Cheryl Eschbach

Dam & Daughter
1 Cheryl Eschbach 2 Helen Snyder 3 Joanne Dominick

Get of Sire
1 Joanne Dominick 2 Darlene Brown

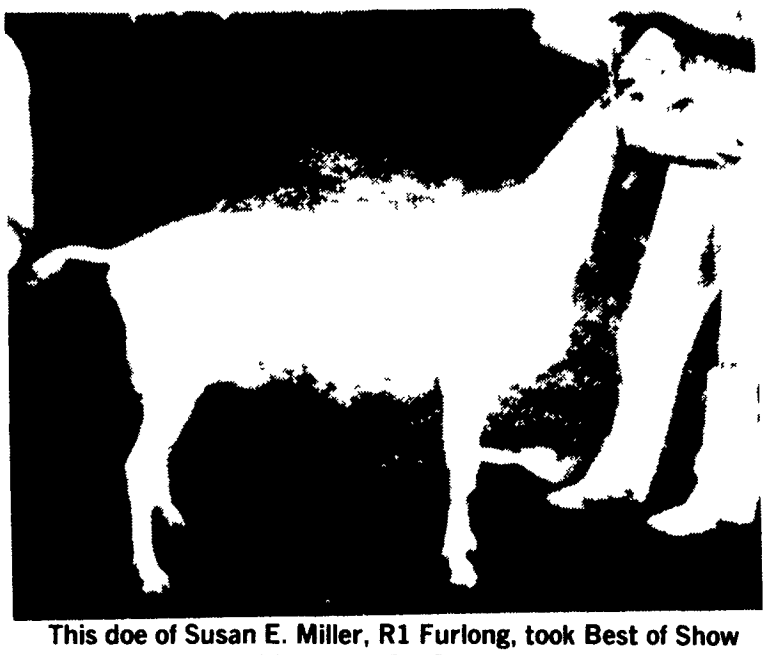
Herd Group
1 Cheryl Eschbach

Best Doe Bred by Exhibitor
1 Cheryl Eschbach 2 Don Mellen, 3 Sue Mellen

RECORDED GRADES

Kids under 8 months
1 Richard Bowen Port Royal 2 Leslie Bowen Port Royal

Kids, 8 months & under 10 months
1 Cheryl L Eschbach Kempton 2 T C & D M Peifer Herndon 3 Edward Sollers Alexandria



This doe of Susan E. Miller, R1 Furlong, took Best of Show in dairy goat competition at the Pa. Farm Show.

Kids, 10 months & under 2 years
1 James Dominick, 2 Marcy Jones Ruffsdale 3 Mark P Brubaker, Halifax

Junior Champion
James Dominick

Reserve Junior Champion
Marcy Jones

Does in Milk, under 2 years
1 Edward Sollers 2 Lorraine E Eschbach

Does in Milk, 2 years to 4 years
1 Dennis Dominick 2 Mark P Brubaker

Senior Champion
Edward Sollers

Reserve Senior Champion
Dennis Dominick

Grand Champion
Edward Sollers

Reserve Grand Champion
Dennis Dominick

Dam & Daughter
1 Lorraine Eschbach

Best Doe Bred by Exhibitor
Dennis Dominick 2 Lorraine Eschbach 3 Cheryl Eschbach

Best Doe in Show
Susan Miller

PFU banquet speaker set

HARRISBURG — The Pennsylvania Farmers Union announced today that Dr. Jon Wefald, Chancellor of the Minnesota State University System, would be addressing the 12th Annual Pennsylvania Farmers Union Convention being held Feb. 7, 8 and 9.

Dr. Wefald also served as Commissioner of Agriculture for the State of Minnesota from 1971 to 1977. He was very active in the trade exports area and served as President of the Twelve State Mid-American International Agri-Trade Council, Inc. from 1974-1975.

Dr. Wefald is an advocate of a strong, healthy farm economy. He has taken this belief with him to his current position in the Minnesota University System. He speaks with knowledge and concern about the agricultural industry in this country and offers solutions to some of the pressing problems facing agriculture.

Dr. Wefald will be addressing the Pennsylvania Farmers Union Convention on Wednesday, Feb. 8 at 6:30 p.m. at Hotel Hershey. Anyone interested in hearing Dr. Wefald can attend the banquet by calling 1/800/932-4629 for reservations, by Feb. 5.

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in co-operation with the Penn-State Extension Service, is again presenting a series of evening meetings pertaining to our Major crops.

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The Meeting Schedule Is As Follows:

Place: Leola Family Restaurant, basement
Time: 7:30 Prompt!
Dates: As shown below

2. Monday, January 30th - ALFALFA
John Yocum - Penn State Research Farm, Landisville, Pa.
Don Mahlandt - Pennfield Feeds, Dairy Sales Mgr. Forage nutrition in dairy.

3. Thursday, February 16th - PASTURES & SMALL GRAIN
Dr. Elwood Hatley - Penn State University, Extension Agronomist. Small Grain
Dr. Tom Lanini - Penn State University, Extension Agronomist. Weed Specialist - How to control spiney pigweed in pastures!

4. Monday, February 27th - TOBACCO
John Yocum - Penn State Research Farm, Landisville, Pa.
Chemical Reps - Geigy, FMC, Dow, Chevron. Brief summary of chemical recommendations of Tobacco.
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Pa. vegetable conference opens Jan. 31

HERSHEY — The 1984 Pennsylvania Vegetable Conference – a jam-packed three-day program that includes just about everything the fruit and vegetable grower wants to know – will open on Tuesday, Jan. 31, and continue through Thursday, Feb. 2, at the Hershey Convention Center.

The conference is sponsored by the Pennsylvania Vegetable Growers Association, Penn State's College of Agriculture and the Pennsylvania Food Processors Association in cooperation with the State Horticulture Association of Pennsylvania.

The conference program includes:

Tuesday, Jan. 31
Morning Program

9 a.m. – Fresh Market Tomato Variety Update, Peter Ferretti, Horticulture Dept., Penn State.

Processing Varieties Update, Michael Orzolek, Horticulture Dept., Penn State.

9:45 a.m. – Disease Control, Alan A. McNab, Plant Pathology, Penn State.

10:15 a.m. – Industry show and tell.

10:25 a.m. – Weed control in Tomatoes, Brad Majek, Extension Weed Specialist, Rutgers University.

PDA-sponsored Tomato and Sweet Corn Nutrition Experiments, C. B. Smith, Horticulture Dept., Penn State.

Update on Pa. Vegetable Check-Off System , Dave Giese, chairman, Pa. Vegetable Advisory Board.

Noon – Tomato awards luncheon.

Afternoon Program

1:30 p.m. – Liquid fertilizer, Eugene B. Wright, chemical engineer, TVA, Muscle Shoals, Al.

2:15 p.m. –Band spraying of insecticides and fungicides – Don Daum, Ag Engineering, Penn State.

2:35 p.m. – Fluid drilling of vegetable seeds – Michael Orzolek.

3:05 p.m. – Industry Show and Tell.

3:10 p.m. – Fall army worm and first brood European Corn Borer in sweet corn, Gerald Ghidiu, Extension entomology specialist, Rutgers University.

3:45 p.m. -- Non-isolated supersweet corn varieties, Charles Boyer, Horticulture Department, Penn State.

4:15 p.m. – Questions from audience.

Wednesday, Feb. 1
Morning Program

8:45 .a.m. – Highlites on new vegetable varieties, Peter Ferretti.

9:25 a.m. – Microelements for cole crops in Pa., E. L. Bergman, Horticulture Dept., Penn State.

9:45 a.m. – Industry show and tell.

9:50 a.m. – Minor crops for Pa.: asparagus, garlic, horseradish, Jersualem artichokes, parsnips, rhubarb, panel discussion by Lawrence Yager, Bergman, Ferretti and Orzolek.

10:50 a.m. – Ozone damage to vegetable crops, Eva Pell, Dept. of Plant Pathology, Penn State.

11:25 a.m. – Industry show and tell.

Noon – Vegetable Luncheon of Pa. Vegetable Growers Association, speaker, Dr. S. Smith, Dean of College of Agriculture at Penn State.

Afternoon Program

1:45 p.m. – Energy conservation and insect and disease control for better greenhouse vegetable production, W. Bauerle, Horticulture Department, Wooster, Ohio.

2:40 p.m. – Industry Show and Tell.

2:45 p.m. – Automatic nutrition for hydroponic systems, E. L. Bergman.

3:10 p.m. – Extension Update by Penn State Extension specialists.

4:30 p.m. – Pa. Vegetable Growers Association Annual Business Meeting.

Thursday, Feb. 2
Morning Program

9:05 a.m. – Red raspberry production and marketing, Harry Swartz, University of Md.

9:35 a.m. – Designs for trickle irrigation of small fruits, David S. Ross, University of Md.

10:05 a.m. – Industry show and tell.

Small fruit production in Kent, England, Ms. Marion Nicoll, student at University of Md.

10:30 a.m. – Industry show and tell.

10:35 a.m. – Strawberry plant responses to irrigation, Edward Kee, University of Del.

11:05 a.m. – Strawberry disease control, Michael Ellis, Wooster, Ohio.

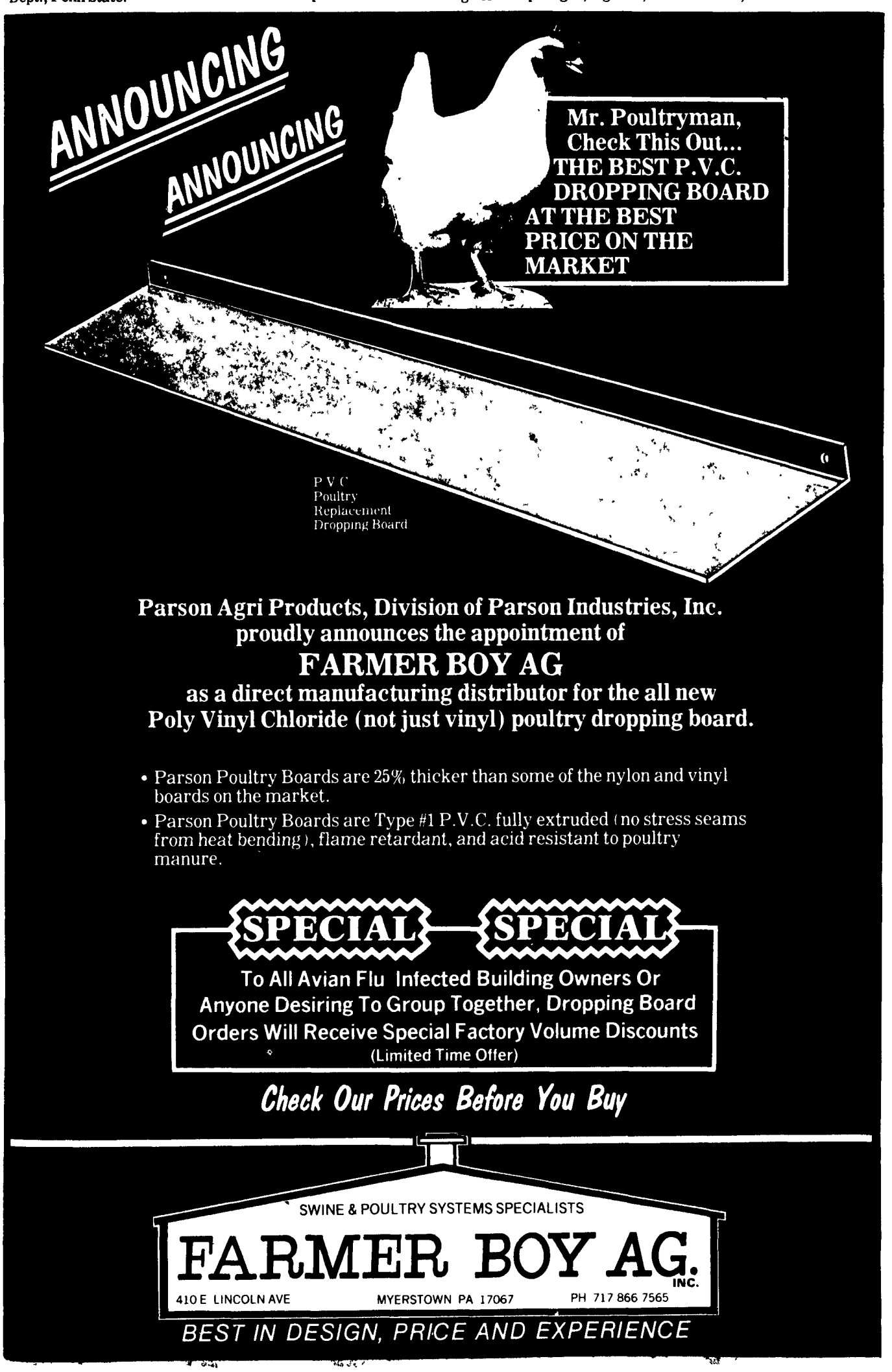
11:35 a.m. – Questions from audience.

Afternoon Program

1:35 p.m. – Blueberry variety update, Ray Samulis, Burlington County, N.J. Extension Agent.

2:05 p.m. – Industry show and tell.

2:10 p.m. – Small fruit round table discussion, moderated by Gene Galletta, of USDA, Beltsville, Md. and includes morning speakers.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N.J. Farmers' Week to open

CHERRY HILL, N.J. — "The Newest Farm Implement...A Computer" will be the topic of the General Session of the 1984 New Jersey Farmers' Week, which opens today. The program, to be presented by county agricultural agents and specialists from the Cooperative Extension Service, Cook College, Rutgers University, highlights the state's agricultural convention.

The ag convention program on computers is set for Tuesday, 8:45 a.m. to noon, at the Cherry Hill Inn. Topics include discussions of uses, information management, crop management by computer, and tips on shopping for a computer system.

Computer hardware and software exhibits will be in place at the Inn on the afternoon of the 24th and all day on the 25th. Commercial representatives will be available to discuss their equipment and programs.

Farmers are urged to attend and to bring along members of the family involved in the bookkeeping on the farm. No admission or registration fee.

There are many activities of Farmers Week that should be of interest: the N.J. Marketing Institute on Wednesday, the Dairy Interests Day Luncheon on Thursday, the state-wide dairy goat luncheon and program on Saturday.

Detailed schedules are available in the Hunterdon County Extension Service office, Extension Center, 4 Gauntt Place, Flemington.

Not all activities are held at the Cherry Hill Inn. Locations include Ryland Inn, Whitehouses; Charlie's Other Brother, Mt. Holly; the Hilton at Princeton Jct. Be sure to check location and if tickets are required.

Poultry surveillance

(Continued from Page A1)

Baggott said that letters were sent to area poultrymen to explain the program and ask for their assistance. While the program is voluntary, Baggott stressed that its success depends on farmer cooperation.

Farmers are asked to collect any birds which died of apparently normal causes and place them in plastic bags. The bags are to be placed at the end of driveways or farm lanes to be picked up by task force personnel.

By picking up the dead birds this way, little or no contact will be made with the poultry flocks, Baggott said. This will help assure that healthy flocks are not exposed to the virus.

The birds will be taken to a lab at William Penn Way off Route 30 in Lancaster County. There, task force personnel will process the birds and send samples to the main USDA lab in Ames, Iowa, for testing. No lab analysis will be performed at the Lancaster lab, Baggott said.

While providing early detection of the avian flu virus, the surveillance program will establish healthy flocks and help determine when to lift areas from the quarantine. The program will also help those who issue permits, Baggott added.

The new program does not replace "sick call" reports and producers who notice unusual symptoms in their flocks should call 717-569-3259.

Poultry producers in the quarantine zone who have not received information about the poultry watch program are asked to call task force headquarters at 717-295-1800. Those that have received information but do not have a telephone where they can be reached should also contact task force officials.

In other matters, USDA officials are still considering the eradication of all birds with the H5 strain of the avian virus, but no decision has been made yet.

Earlier this month, poultry industry representatives met with USDA officials in Washington to further discuss the Technical Advisory Committee's recommendation to depopulate all flocks diagnosed with the H5 type flu. The recommendation received the support of the industry representatives, said Tim Allwein, Pa. Poultry Federation spokesman.

Although industry leaders agreed to support the recommendation, the Pa. Poultry Federation (PPF) said that it can support this decision provided that flock owners are given a fair market value for birds killed, Allwein said. PPF stressed that fair market values are needed if the state poultry industry is to survive.

In an update on the avian flu situation, 251 flocks were diagnosed with the highly pathogenic virus as of Thursday. This includes 9.9 million birds. A total of 248 flocks, representing 9.89 million birds, have been depopulated. The three remaining flocks were scheduled to be depopulated Friday.

A breakdown of the number of avian flu flocks per county is: Lancaster, 233 flocks; Lebanon, seven flocks; York, five flocks; Chester, four flocks; Berks, one flock; and New Jersey, one flock.

This includes 113 layer flocks, 56 broiler flocks, 19 pullet flocks, 16 layer-breeder flocks, 14 broiler-breeder flocks; four turkey flocks and nine "other" flocks.

Satellite office is service-oriented

GETTYSBURG — When an outbreak of highly pathogenic avian flu hit a turkey flock near the York-Adams County border about a month ago, task force personnel saw a need for a satellite office in Gettysburg.

The office was established after a turkey flock near East Berlin was diagnosed with the "hot" avian flu virus. Almost immediately after the virus was confirmed, the growing quarantine area was shifted west to include Adams County.

"We've had an outbreak of the virus near the county line," said Dr Richard White, a coordinator of the satellite office, "now we want to know if there are more (infected flocks) in the area."

According to White, a swine epidemiologist from Penn State, the office will issue permits for the shipment of birds within the 5,100 square mile quarantine zone The office will also conduct diagnostic testing of area poultry flocks

The former offices of the Cumberland Valley Savings and Loan Association, 9 Chambersburg St , were converted for use by the task force. About 20 staff members will be based in Gettysburg initially, White said. The staff will primarily investigate Adams, Franklin and York County poultry operations

"We are trying to determine if the virus is here The only way we can do that is to test eggs from suppliers, birds that are slaughtered or birds that die," White said

"If we get a positive reaction, we will go to the farm and run a diagnostic and epidemiological investigation. If we want to maintain this area in the quarantine zone, we have to prove it is here."

White said that he could not estimate when or if the quarantine zone will be lifted from Adams County Nor could he say how long the satellite office will remain in operation. It all depends on the

Dr. Richard White

results of the surveillance system, he said

"Anyway we can get a hold of birds for surveillance purposes, we are going to use them. Once we compile the information, we will pass it up the command chain, because that is how we can get the quaratine lifted," White said

Poultry is the third leading agricultural business in Adams County White said he was surprised by the poultry traffic in that area

"We are getting extremely good cooperation from local farmers," White said. "We are getting a great deal of work done, but it will be some time before the operation runs smoothly."

White added that area poultry farmers are afraid that the virus will spread and ravage their flocks Farmers are keeping to themselves as much as possible.

White said a meeting of county extension agents and a separate meeting with the executive board of the county poultry associations are planned.

"We are not trying to get all of the poultrymen together," he said "We intend to leave the executive boards disseminate the information The less traffic we have the better off we will be "

The Gettysburg satellite office is open from 7 a.m to 5 p.m., Monday through Saturday. Farmers can use one of two numbers to obtain information on diagnostic testing and permit processing· 717-334-7514 and 800-223-8939, a toll-free exchange

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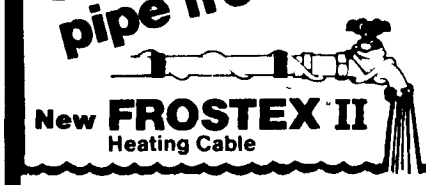

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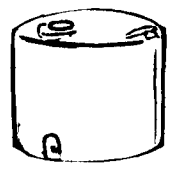

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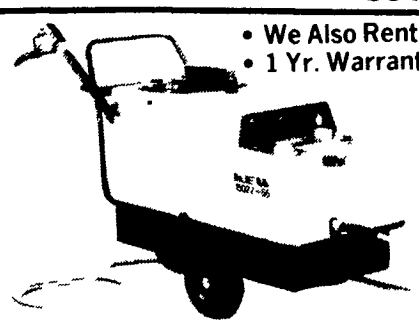

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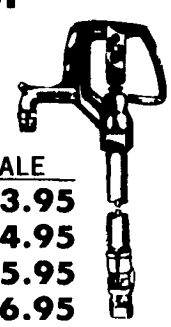

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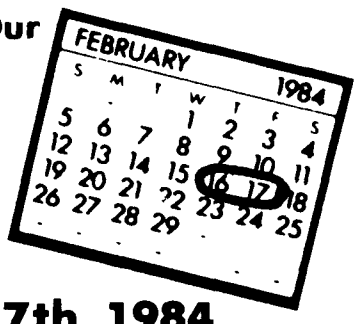

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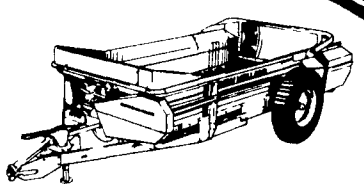

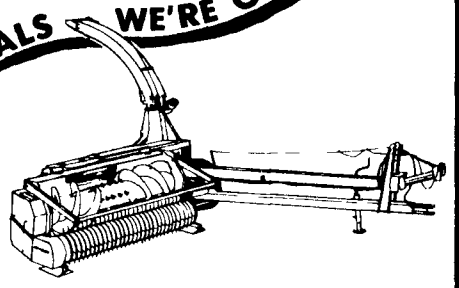

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David L. Nolt, farm toy collector from Paradise, holds limited edition Silver Anniversary (1965) toy New Holland baler, along with copy of his book on "New Holland and New Idea Farm Toys and Collectibles."

Farm toy book published

PARADISE — A new book on "New Holland and New Idea Farm Toys and Collectibles" has been released by David L. Nolt, farm toy collector, Paradise.

The book describes and photographically illustrates the various toys and other collectibles marked by the two farm equipment manufacturers. Additional collectibles, particularly from the New Holland line, include various belt buckles, pocket knives and dozens of different farmer and dealer giveaways.

There are more than 70 photos in the book, along with a description of each item that includes manufacturer, year of manufacture and additional information. A suggested price guide is given for the toys and buckles.

Nolt, the book's author, has been collecting New Holland and New Idea toys and collectibles for some five years. He started work on the book about a year ago. He recently returned from the National Farm Toy Collectors Convention in Iowa, which was attended by more than 10,000 persons.

The book, which sells for $8 postpaid, can be ordered from Collector Books, P.O. Box 422, New Holland, Pa. 17557.

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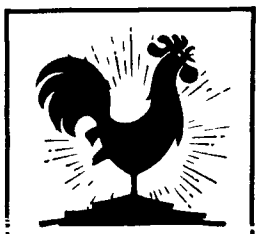

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Legislative priority

(Continued from Page A1)

they have incurred as a result of the Avian.

Using a formula of an average cleanup cost of 10 to 12 cents a bird, the proposed state program appears to go well beyond the approximate 10 million birds which have been killed to date. It appears that the proposed increased state funding includes the possibility of cleanup following any killing of birds with the mild Avian strain – if and when the final decision is made to add these birds to the depopulation schedule.

Meetings have been held during the past couple of weeks with representatives of the dairy industry on a bill which is expected to be introduced by Rep. Samuel Morris, chairman of the House Ag and Rural Affairs Committee, to get the Milk Security Fund back on a sound financial basis.

The proposed legislation is designed to close some of the gaps in the Fund which have resulted in its depletion by dealer bankruptcies.

A main feature is that the security aspect of the fund will not be on a pooled basis, as in the past, but on an individual dealer basis. Thus, an individual dealer's account in the fund would be credited with a certain amount, providing continuing protection for respective producers.

The individual dealer security arrangement would prevent a reoccurrence where a major bankruptcy by a dealer would deplete the entire fund.

If a dealer's financial condition can't show a ratio of 1.2 to 1 of assets over liabilities, there are two alternative plans for contributions to the fund.

If the dealer has bonding equal to 75 percent of the highest amount owed to producers during any pay period of the previous year, no additional payment into the fund is needed.

But if the dealer has bonding between a minimum 30 percent level and the 75 percent level, a payment of two cents per hundredweight would be paid and credited to his individual security account.

Both of these pieces of major legislation are expected to receive the prompt attention of legislators.

Several other pieces of legislation are also of interest to the ag community.

Two bills limiting foreign investment in Pennsylvania agriculture have been introduced by Rep. Carville Foster, of York. These would reduce foreign acquisition of farmland from the present 100-acre limit to 10 acres and exclude foreign-owned corporations from receiving Pennsylvania Industrial Development Authority funds.

These restrictions on foreign investment have come out of concerns expressed by poultry producers, particularly in Adams County. These producers have pointed out that a lot of birds can be placed in confinement housing on a hundred acres. Their concerns pointed to both Japanese and West German interests in the poultry industry.

A bill to provide $100,000 for crop damages has been introduced into the House Ag Committee by Rep. Eugene Smith, of Jefferson. The money is designed to go to farmers with crop insurance who suffer wildlife damage and have at least half of their land open to hunting.

Senate Bill 63 which has beefed up regulations controlling auctioneers and auction houses is awaiting the Governor's signature.

No progress is reported on the "bottle bill" to require a mandatory fice-cent refund charge on bottles and cans.

And the Administration's efforts to sell the State Store liquor retailing system to private enterprise is expected to be opposed by a number of farm groups.

Northern Tier Co-op gives report

TROY — As predicted by officials of Northern Tier Farmers Union Milk Cooperative, the market administrator of Federal Order #2 has successfully released money in The Producer's Settlement Fund which was geared for dairy farmers who formerly shipped milk to Scheps Cheese Company of Lemon, Pennsylvania.

Arden Tewksbury, Consulting Manager of Northern Tier, said the checks which amounted to approximately $300 to the average shipper, were received by the former shippers of Scheps Cheese just prior to Christmas, 1983. While the monies received represent a small portion of the losses suffered by the dairymen, the avenue was opened and the first revenues imparted to the dairymen as a result of the bankruptcy.

Tewksbury related that under normal conditions, fluid milk handlers pay the difference between the fluid price and the blend price into the Producers Settlement Fund; then the market administrator remits the money to the manufacturing handlers so those handlers may use the money to pay the producers the blend price.

According to Mr. Tewksbury, when a bankruptcy occurs, the usual procedure is for the market administrator to retain the money in a special account and forward the funds to producers after an audit and other courses of action have been taken.

William Sturges, president of Northern Tier, who also serves as chairman of the ex-Scheps Shippers Committee commented the following; many times Federal Milk Market Orders are critized and even condemned by some dairymen, but here is one more instance which proves that dairymen benefit from the Federal Milk Market Orders.

In August 1983, Northern Tier Cooperative, with the support of Pennsylvania Farmers Union and Pennsylvania State Grange, formed the ex-Scheps Shippers Committee. The Committee engaged Attorney Marian Furman, from Harrisburg, to represent the producers in the bankruptcy process. Sturges said are the only real group that is representing the dairymen in these proceedings.

Tewksbury feels there are still three more possibilities in which ex-Scheps Shippers may receive money toward their losses.

1. There appears to be approximately $200,000.00 in the Pennsylvania Security Fund which is geared for the ex-Scheps Shippers. However, a law suit filed by Eastern Milk Producers is preventing payment of this needed money to the ex-Scheps shippers. A hearing ont he law suit is not expected until early spring of 1984.

2. Attempts are being made to recover some of the milk losses as a direct expense of hte bankruptcy. If this attempt is successful, it could generate $450,000.00 additional funds for the ex-Scheps shippers.

3. A strong attempt will be made by the secured creditors during January to convert the Court Proceedings from Chapter 11 to Chapter 7. This could mean quick liquidation of the assets of Scheps Cheese, i.e, dairy farmers would receive no additional money.

Both Sturges and Tewksbury agree that they are going to maintain a strong opposition to the conversion. Recent developments gave both farm leaders encouragement of a possible reorganization plan under Chapter 11 which would generate extra money for the ex-Scheps Shippers.

Carl Kaufman, State Director of Pennsylvania Farmers Union, affirmed his Organization and the Pennsylvania State Grange are still 100% behind the efforts of the ex-Scheps Shippers Committee. Kaufman stated he knew this bankruptcy would be tough, but leaders of Northern Tier have worked diligently on all aspects of the former shippers to Scheps Cheese.

Kaufman further praised the work being done by Attorney Marian Furman. He said, "It is rewarding to see an Attorney work so hard on behalf of dairy farmers".

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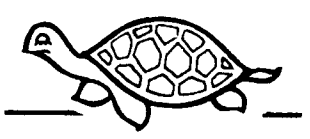

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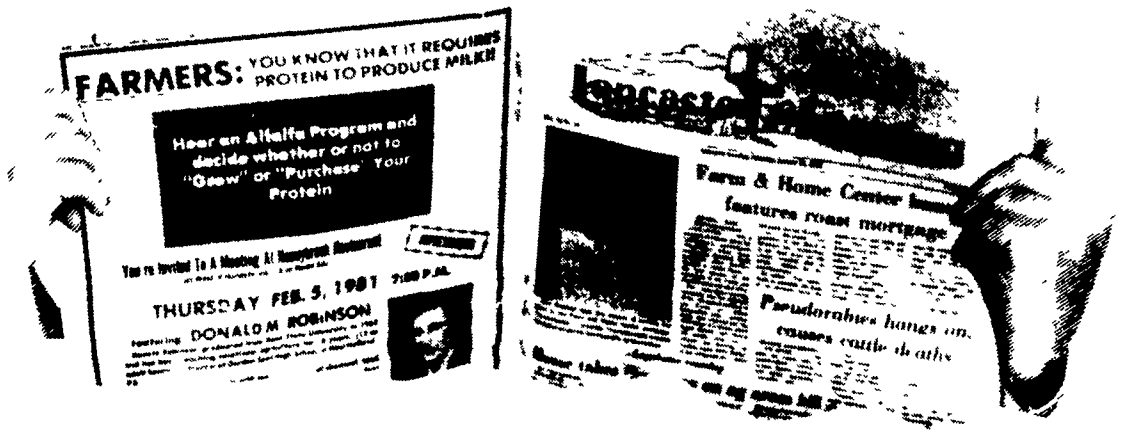
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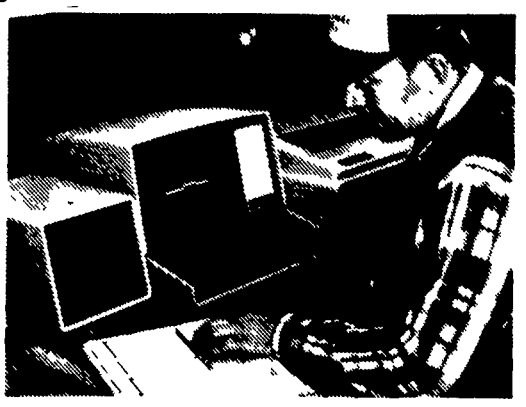

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Pa. Secretary of Agriculture Penrose Hallowell, left, presents the agribusiness cooperative award to Howard Featherman, manager of the Pa. Cooperative Potato Growers Inc.

Potato cooperative wins agribusiness award

FARM SHOW — The Pennsylvania Cooperative Potato Growers, Inc. has received the 1984 Pennsylvania Agribusiness Achievement Award during ceremonies Jan. 9 at the Pennsylvania Farm Show. The award was presented as part of Secretary of Agriculture Night's activities, by State Agriculture Secretary Penrose Hallowell.

Hallowell said, "The Pennsylvania Cooperative Potato Growers have been extremely active in efforts to promote and sell Pennsylvania products, and in their first two seasons using the 'Pride of Pennsylvania' bag, sold more than 1.6 million bags to growers throughout the state. In 1982, the Cooperative added the 'We're Growing Better' logo to three other brands — Blue Gem, Pennsylvania Best and Gold Banner. Nearly three million of thesee bags have been ordered across the state.

"The Cooperative joined the logo program in its first year, 1980, and designed their packages around the 'We're Growing Better' logo. They reserved its use for growers producing top quality potatoes."

Hallowell noted that judges for this year's contest had a difficult decision and commended the other five nominees for the prestigious award. "We could easily have had six winners this year, with the excellent jobs done by all the nominees in promotion and marketing of Pennsylvania food products," he said.

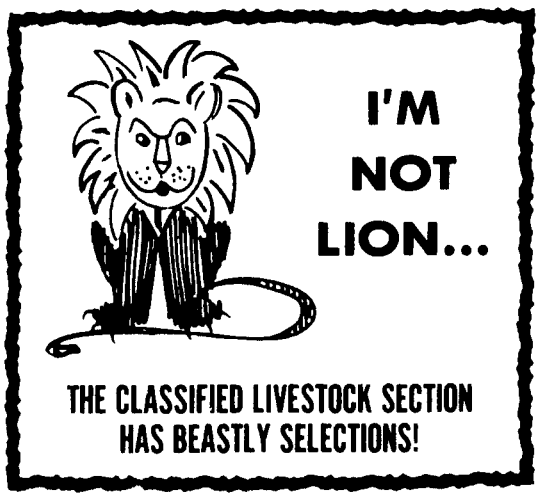
The other nominees were Gibbles of Chambersburg, Jaindl's Turkey Farm of Orefield, Phillips Lancaster Swiss Cheese of Gordonville, Riverside Markets of DuBois, and Spring Glen Farm of Ephrata.

"It is fitting to recognize our state's agribusiness during Farm Show Week," Hallowell said, "for the contributions to ariculture and our economy. Mroe than 30,000 food retailers and processors regulated by the state employ some 200,000 workers and generate $25 billion in sales each year."

The award is based on five criteria including quality of product, participation in the agricultural logo promotion programs, use of Pennsylvania raw products, the firm's overall efforts to promote Pennsylvania foods and its marketing area.

The Pennsylvania Cooperative Potato Growers market approximately 60 percent of their potatoes for fresh market and 40 percent for the potato chipping industry They have exhibited in the Pennsylvania Food Marketplace at the Farm Show since its origin and have promoted potato products at food shows across the state. The cooperative recently hired a promotional representative to increase sales to supermarkets and processors.

Judges for this year's Agribusiness Award were John Kimbark, managing editor for the Pennsylvania Farmer magazine; Sheila Miller, research analyst, Pennsylvania State Senate Agriculture and Rural Affairs Committee; and Rocco Pugliese, executive director of the Pennsylvania Food Processors Association.



Cecil Co. to host '84 Md. Holstein Convention

RISING SUN, MD — Cecil County Holstein breeders are gearing up to host the 1984 Maryland Holstein Convention and Sale, February 28 and 29, at Sandy Cove resort.

Sandy Cove - Morning Cheer, is known for its fantastic food and banquet facilities that overlook the upper reaches of the scenic Chesapeake Bay The peaceful resort community of Sandy Cove is located south of Northeast, Md. on route 272, and also has rooms available for convention goers and a hall for the Convention Sale

Many activities are planned to entertain and inform participants to the two day event The annual business meeting of the Maryland Holstein Association will be held Tuesday morning February 28th, followed by a luncheon

Tuesday afternoon's program features two speakers. Steve Briggs, of Turner, Maine, will address the convention. Briggs is a past president of the National Holstein Association, is parnter in a sales service and owns a herd of registered Holsteins A representative from the Holstein Association will speak on the new linear type program

A special program for women and another for youth will also be held on Tuesday Women attending the convention will have the chance to watch 12 craftsmen as they perform their art. Later the women will have the opportunity to create their own craft pieces under instruction of the craftsmen

Lois Remburg Skeen, will conduct a special program for youth.

The convention banquet will be held Tuesday evening, followed by a "Fun Auction." The auction proceeds will benefit the Maryland Holstein Youth Scholarship Fund So come with plenty of spending money

Slides will be shown at the banquet of the Intergalactic Milk Carton Boat Race, held last summer at the farm of Bob and Warren Knutsen, Cecil County dairymen.

Remsburg Sales Service will conduct the Convention Sale on leap year day, Wednesday, Feb 29. According to auctioneer, A Doty Remsburg, over 70 top quality registered Holsteins have been consigned to the sale.

The sale will feature 10 daughters out of excellent dams and nine daughters from cows with over 1000 pounds of fat.

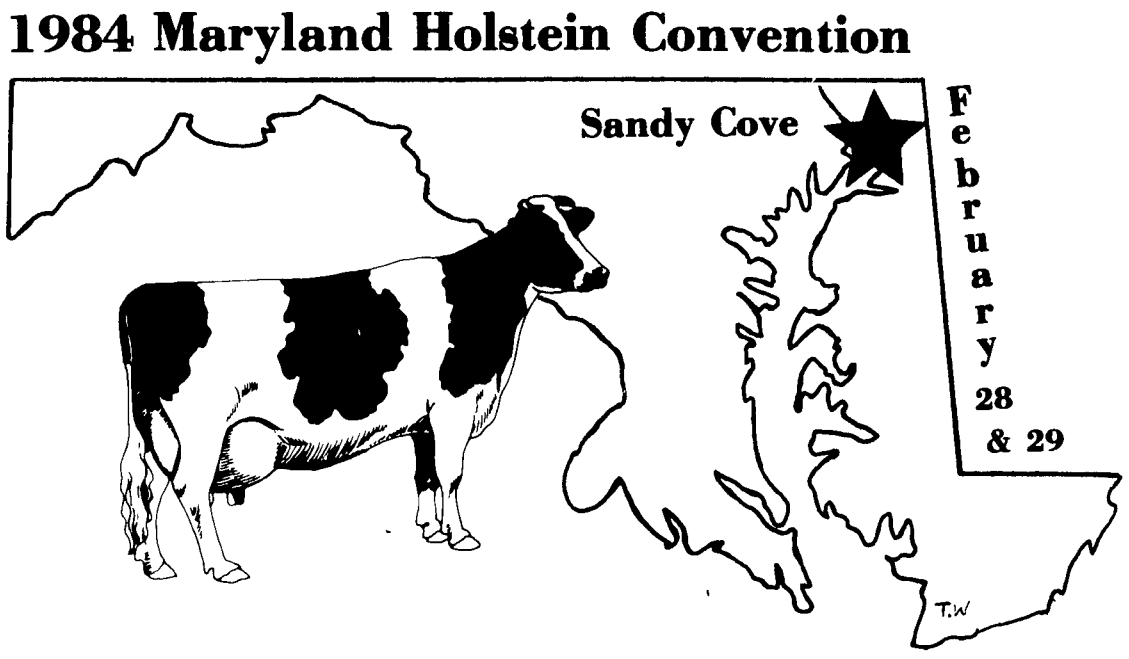
Harold Smith, Monkton, Md, has consigned to the sale a Columbus daughter from a dam classified E-91, with production records of 30,050 pounds of milk and 1302 pounds of fat.

Marlin Hoff, New Windsor. Md., has consigned a Board Chairman daughter from a dam rated 2E-93, with production records of 36,880 milk, and 1354 fat.

Also a featured consignment, from Paul Welk, is a Wileda daughter out of VG 88 dam with production records of 22,725 milk, and 1279 fat

More details on the convention will be published later in Lancaster Farming

Reservations are requested by Feb 8 for the luncheon, banquet and overnight accomadations at Sandy Cove To make reservations contact Phyllis Yale, Rising Sun, at (301) 658-5178



Forestry services outlined

POTTSTOWN — District Forester, Maurice E. Hobaugh, in reviewing the activities of the Pottstown office of the Bureau of Forestry, outlined the services that were provided during 1983 to residents of Berks, Bucks, Chester, Delaware, Lancaster, Montgomery, and Philadelphia Counties. The programs of the District are divided into four general areas and include forest fire protection, assistance to private woodland owners, state forest land management, and forest pest management.

During 1983, 42 fires burned 94 acres in the District. The bill for extinguishing the fires came to $13,000. The primary causes of these fires were incendiary and railroads.

Training in fire suppression was provided for 47 fire companies, six forest fire warden's crews, and one national park. A total of 450 personnel were trained. Fire prevention activities centered upon elementary school children where 6,000 students were reached through 49 school programs.

Technical forestry assistance was provided for 333 landowners on 11,000 acres. The majority of assistance was directed at forest management, timber stand improvement, fuelwood marking, timber marketing, and tree planting. Residents planted 40,000 State grown seedlings on 120 acres.

Requests for assistance increased in the urban areas where 177 landowners received insect, disease, and management advice for their shade and ornamental trees.

Management activities on state lands focused on three state parks: French Creek, Fort Washington, and Tyler. Foresters marked and sold 287,000 board feet of sawtimber and 127,500 cubic feet of fuelwood during 1983. These sales returned $22,000 to the State's General Fund.

The Gypsy moth population declined in 1983 as sixty per cent less acreage was sprayed than in 1982. District personnel assisted in the aerial spraying of 39,000 acres with a bacterial spray. Parasitic control methods are continuing to be investigated.

For more information on services, contact the Bureau of Forestry, R4, Rt. 23, Pottstown, PA 19464.

Palmer Green Co. is sold

SHIPPENSBURG — Palmer Green Company, located here, has been sold by its parent company, Beachley-Hardy Seed Company, Shiremanstown. Beachley-Hardy is a division of Pennfield Corporation, Lancaster. Palmer Green is a wholesaler of specialty feeds, feed ingredients and fertilizers.

The purchase, effective Jan. 17, was made by Frank X. Campbell, a Pennfield employee with 20 years service. Campbell has served as general manager of Palmer Green since its acquisition by Beachley-Hardy in Nov. 1979. Prior to that, he served as an area manager for dairy and livestock operations with Pennfield's feed division.

Frank X. Campbell

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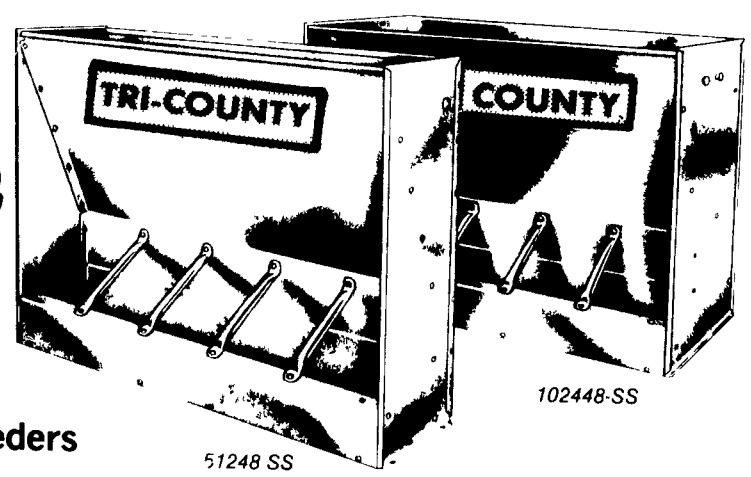

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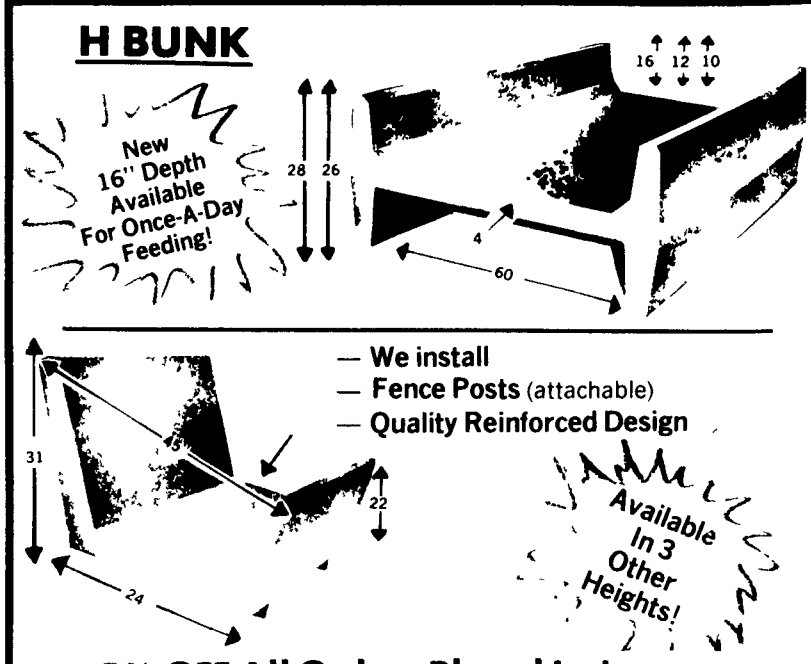

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Milk diversion program

(Continued from Page A1)

50 but less than 100 farmers have established bases. Only a handful of farmers have signed contracts to participate."

Brubaker called the meeting that drew an estimated crowd of 100, to clear up questions on the final regulations that came out last week. The final regulations are available from county ASCS offices in an appendix to form CCC-150, the Milk Diversion Program contract form.

"A lot of the questions farmers have can be answered by asking themselves this simple question," said Brubaker. "Will the action reduce the overall supply of milk."

Brubaker summarized the major provisions of the bill and made a special note of final regulations that changed from what was originally anticapated.

Dairymen who have registered cattle and a history of merchandising registered cattle, under contract of the program will be prohibited from selling registered cattle for dairy purposes unless sold to another program participant. This is contrary to what dairymen were first told.

Any cow or heifer born before April 1, 1983 may not be sold after Nov. 8, 1983 except for slaughter, export to a foreign country or to another producer in the program, stressed Brubaker.

All sale of cattle must be reported by producers under contract. Brubaker said he could not assure dairymen who sold cattle to a dealer with the intent of the cow being sent to slaughter, that they would not be held liable if the dealer sold the cow for dairy purposes.

"Producers who are within three percent of their contracted quarterly production are eligible for quarterly payments," he said. "To receive quarterly payments, the producer must bring in milk check stubs for that quarter. The milk check stub is your ticket for payment."

Glenn Shirk, Lancaster County dairy Extension agent, addressed the question of who may benefit by participating in the program. Shirk listed producers who stand to gain from the program as:

- producers thinking about selling out;
- persons who want to slow down and reduce their herd;
- those producers hit hard by the drought and short of feed;
- producers who have already experienced a reduction since 1981 and 1982;
- someone who wants to cull their herd hard and upgrade it; and,
- those producers with low fixed cost but high variable costs, such as someone who rents his farm and equipment.

Shirk listed those who may not benefit from the program as:

- the purebred breeder who wants to merchandize cows during the next 15 month
- producers try to expand, especially young ners with high overhead that must maintain a certain cashflow to meet many payments.

Producers were reminded that the Secretary of Agriculture has the discretion to reduce the contracted percentage up to five percent if there would be an excessive reduction in the level of milk production or there has been a substantial hardship to producers of beef cattle, dairy cattle, hogs, or poultry sold for slaughter.

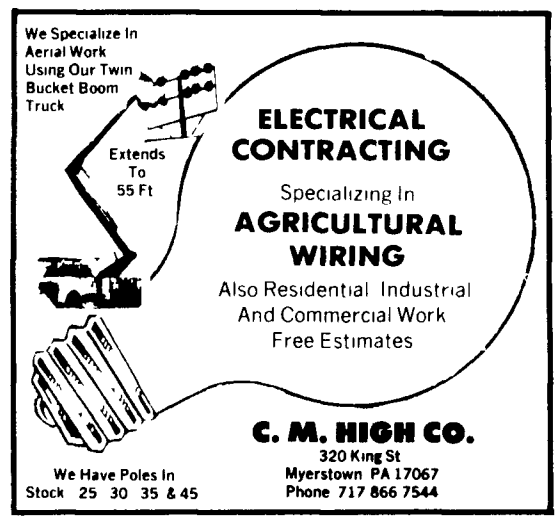
Lancaster ASCS Director, Ray Brubaker, right, answers a farmer's question on the regulations of the new dairy legislation at a meeting Tuesday night at the Farm and Home Center.

Pseudorabies

(Continued from Page A1)

in eight months. But this time schedule is now being put back a bit due to the two new outbreaks and it is hoped that the eradication can be completed by next summer.

It has now been just about four years since the first outbreak. The disease has largely been concentrated in Lancaster County, particularly the northeastern section.



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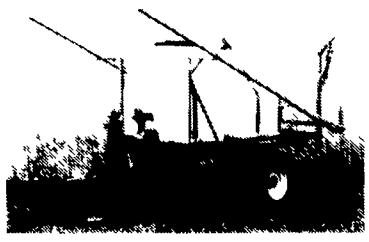

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84 FARMING FRONTIERS

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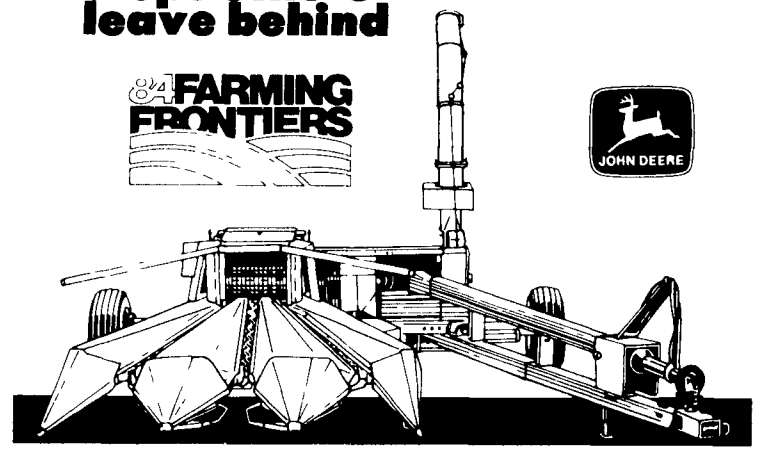

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Md. unveils expanded conservation effort

ANNAPOLIS, Md. — Maryland Secretary of Agriculture Wayne Cawley has unveiled plans for beefing up the state's soil conservation program to help clean up the Chesapeake Bay.

Speaking at the Maryland Association of Soil Conservation Districts' (MASCD) winter meeting in Ocean City last week, Cawley said that he was confident that his department would receive the additional $1.5 million in administrative funds and $7 million in cost share funds that was requested from the Governor.

The money is needed, he said, because "our system has lost much of its efficiency. Programs have grown faster than (districts') abilities to administer them."

The funds would be used to finance a five-point plan which would include upgrading district staff to a minimum base level, targeting additional support to areas with critical soil and water problems, expanding conservation research and education programs, providing additional cost share money to farmers to offset the cost of installing practices and proceeding with enforcement action against farmers "who outright refuse to cooperate."

Cawley also announced that there would be a reorganization of the state funded conservation program. The State Soil Conservation Committee would become strictly a policy setting board and administrative and personnel matters would be handled by a new staff person who would report to the Secretary.

He reassured those present that the reorganization would not affect the independence of the 24 local soil conservation districts.

"Districts are the most capable and the best equipped organizations to control nonpoint source pollution," said Cawley. He added, however, that he was "firmly convinced that unless agriculture can demonstrate that we can effectively handle the nonpoint pollution program, we could lose control."

At their business session, MASCD members voiced support for bay cleanup proposals, calling on the Governor and general assembly to enact them in the upcoming legislative session.

Conservation officials are becomiong increasingly concerned about the high erosion rates on leased farmland. According to Gerald R. Calhoun, Soil Conservation Service, the amount of land owned by absentee landowners is increasing and so is erosion. "Farmers who lease land on a year-to-year basis are reluctant to spend money on conservation measures when they can't be assured of reaping the benefits," he said.

District officials called on the state and federal governments to set an example for private landowners by requiring conservation plans on publicly owned land.

MASCD will ask the Governor to direct state agencies to set priorities for getting conservation measures completed on state-owned land used for agriculture within the next five years. They will also ask that long-term leases, which would require renters to follow a conservation plan, be mandated. They voted to ask the Marland congressional delegation to introduce legislation requiring the same thing on federally owned land.

In other actions, MASCD members passed resolutions

— to ask the Agricultural Stabilization and Conservation Service to cost-share on subsurface drainage and

— reaffirming their own committment to their role as local conservation leaders.

Maryland Secretary of Agriculture Wayne Cawley, right, sports a cap with the State Soil Conservation Committee's new logo for water quality. The logo, which includes the slogan "Maryland Farmers: Partners with the Bay," is intended to make farmers and the public aware that agriculture can help clean up the Chesapeake. Presenting the cap at the Maryland Association of Soil Conservation Districts meeting in Ocean City last week was Joseph Scott, chairman of their information and education committee.

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The Milk Check

TOM JURCHAK
County Agent

Decision Time

The legislation has been passed; the regulations have been written; the meetings have been held; the worksheets prepared and even computers are standing at the ready to help dairy farmers determine whether participation in the new Milk Diversion Program is profitable for them individually. With all the time that has been given to the development of the program; all the meetings that have been held; all the words that have been spoken and written and all the paper that has been handed out and mailed, nowhere among all of this will you find the answer to your participation in the program. It comes only from the analysis of your own individual situation with your own decision for your own farm. The Milk Diversion Program is unique to the dairy industry because, for the first time, payments will be made, in cash, directly to farmers for reducing the supply of milk coming to market.

It's the first supply reduction program for milk producers that is voluntary so farmers are faced, for the first time, with individual decision making rather than having a program that applies uniformly to all producers. I believe, many producers are having a hard time adjusting to the fact that they are being asked, for the first time, what they want to do rather than merely accepting a change they can't avoid. For the first time they will have to do a minimum amount of record analysis and herd management to participate in a marketing program. The answer for you can't come from magazine articles or Extension newsletters (no matter who writes them) but only from your own analysis and decision making. Don't worry about how many of your neighbors participate but only if it's good for you. But don't jump to a conclusion without some analysis of your records and the facts of the program. Too many are using excuses rather than reasons for not participating.

One of the many reasons I've heard over the years for the average dairy farmer's lack of interest in milk marketing (unless there's a crisis) is that they can't, individually, do much to change things so they don't bother learning at all. Well, this may be a chance for you to manage your herd; take advantage of a marketing program; be your own man and come out ahead. Many times this month I've heard the argument that if there isn't enough participation in the Milk Diversion Program to reduce supply then the next program will rely entirely on price cuts to cut government costs. This may very well be true but I'm more concerned about those producers who could profitably participate in the program now but miss the opportunity because they didn't make the effort to find out for themselves if it was good for them individually. It would also bother me if dairy farmers left the impression with lawmakers that they couldn't plan and adjust voluntarily for themselves when given the opportunity.

Deadlines

The deadline for applying for waivers of cattle sold for dairy purposes between November 8 and December 31, 1983 is January 21. This means that if there's any chance that you may sign a contract under the Milk Diversion Program by January 31 and you sold cattle that did not go for slaughter or export between November 8 and December 31 you should apply for a waiver on such sales. There is no form for this. You just put it in writing - what cows, to whom, when - and get it to the local ASCS office by January 21. You'll have an answer within 24 hours if the waiver is granted but it is expected that Washington will be "lenient" in such situations. However, this will be the only time during the program that a contractor will be permitted to sell heifers or cows to another producer unless the purchaser is also under contract.

Another deadline you should keep in mind is January 27. This will be the last day for verifying bases and submitting a Milk Reduction Plan. Both of these are required before you can make a contract with ASCS but the final date for your signature on the contract is still January 31. That is also the last day for withdrawal of the contract if you signed one earlier and want to change it or you changed your mind about participating.

The only uncertainty is the modification of contracts by the Secretary between February 2 and 15. He has the discretion to do that if the planned reductions in the contracts would threaten the milk supply or greatly depress beef, pork or poultry prices. The chances of getting a significant modification seem to get more remote each week. Threatening the milk supply seems even less likely than lowering livestock prices by contractors. In addition, the USDA has the opportunity to purchase commercial beef for welfare and school lunch programs and reduce the imports of beef if prices begin to drop.

The USDA wasn't enthusiastic about a Milk Diversion Program when it was under consideration in Congress but now that it's here they seem to be doing all they can to make it work. The rest is up to the producers and no one will know the result until February 15.

Non Voluntary

So much time has been spent explaining the Milk Diversion Program that we may have forgotten that there are other provisions in the Dairy and Tobacco Adjustment Act of 1983 that are not voluntary. One of these was the drop of 50 cents in the support price that started December 1. It didn't take long to show its effect and dropped the Minnesota-Wisconsin Price 45 cents for December. That was translated into a similar cut in the Class II price for December in Order 2 to $12.17 making it the lowest in the Order since September 1980. It won't be reflected in the Class I price until February when that drops to $14.36 form $14.77 in December. In addition, you still have one 50 cent assessment to pay for the Milk Diversion Program but you have no Louisville Plan payment as you did in November so January checks for December milk will still look pretty skimpy but will be worse in February. The uniform price for December was $13.07 which was 56 cents less than November and the lowest for December since 1979. You set a new record high for the month in Order 2 with shipments of 957 million pounds. However, that was nothing new since you've been settling such new records every month since July.

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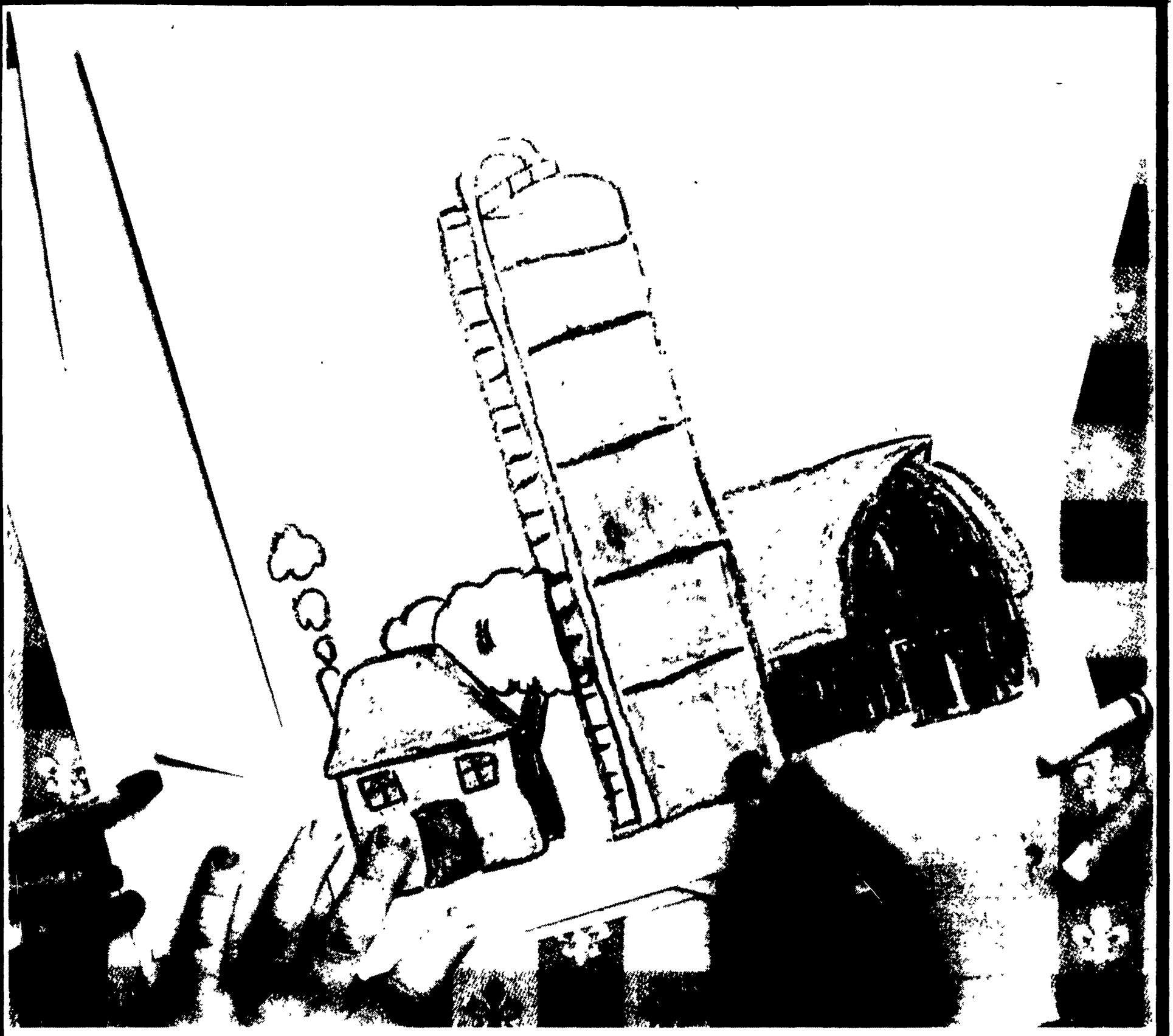

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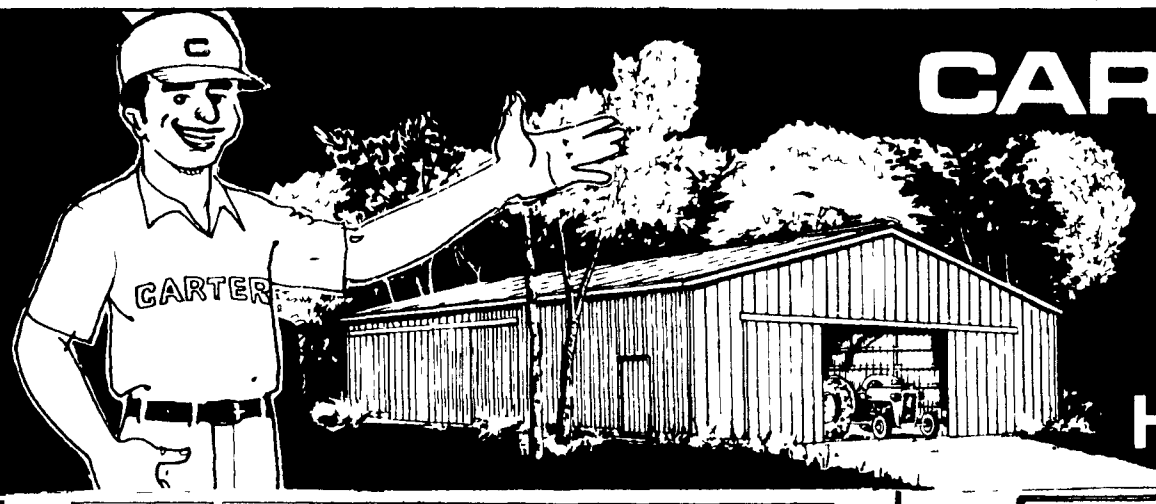

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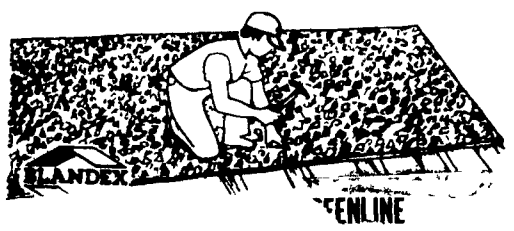

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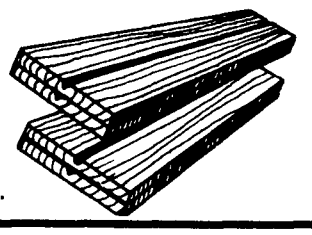

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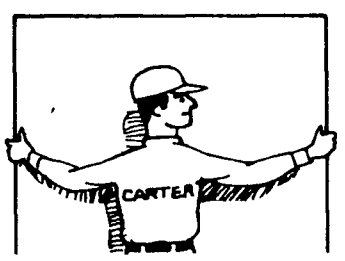

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11'	11.05	—	—	—	—	12.02
12'	12.06	15.58	23.45	8.32	17.93	13.12
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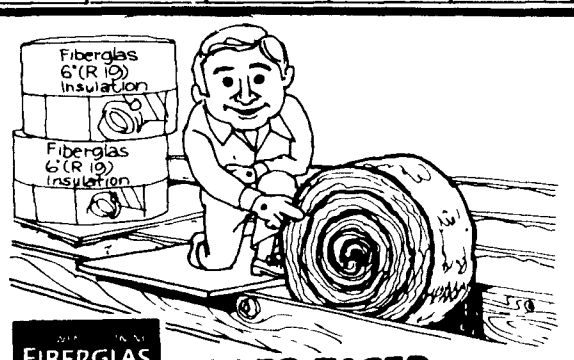

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CARTER 1981

Meet the Wives of the Master Farmers

Teamwork Pays Off for the Rutts

BY SALLY BAIR
Staff Correspondent

Connie Rutt, wife of Master Farmer Kenneth Rutt, Quarryville, leads an active life on the farm and in the community. She and Ken work as a team both on the farm and in many community activities.

On their dairy farm Connie says she helps "when ever needed," working mostly with the young stock and handling feeding chores while others do the milking. The family does all the work on alternate weekends when the hired men have off, and Connie fills in at other times when they have off or have other work to do. When the family is on duty Ken and the children milk and Connie handles the additional chores.

Connie and Ken share duties as the organizational leaders of the Solanco Community 4-H Club, which had 110 members last year. Connie has coordinated the sewing program and also serves as a leader for some of the 40 girls enrolled in the sewing project. She enjoys sewing, having learned herself as a member of the Mastersonville Club in northern Lancaster County, and keeps up to date by attending seminars offered through the Extension Service.

She and Ken were both active 4-H'ers and met as members of the County Council. Connie recalls, "I got a lot out of it including meeting kids from all over the county with the same interests. We both hoped our own children would have a good experience in 4-H and so we got involved."

This desk is the center of much activity at the Rutt home. Connie does much of the bookkeeping for the farming operation and their retail business as well as work organizing their community 4-H club.

A recently learned craft is making baskets, and Connie demonstrates the technique in the kitchen of their farm home. Two samples of the finished product are on the table.

Ken traveled with the livestock judging team, and Connie attended conferences at Penn State, so they both know the opportunities available through 4-H.

Connie pointed out that they like their 4-H work and think it's important for children.

"I don't think kids today get a lot of responsiblity. When they decide to take a project they have the responsibility to attend meetings and to complete the project. Responsibility is one of the biggest things I think we teach in 4-H, as well as the responsiblity of leadership. We try to get as many kids involved in leadership as possible."

The Rutt children are all in 4-H. Fourteen-year-old Lorri sews, and takes cake decorating as well as her dairy projects. She is also a teen leader, Philip, 12, is in the dairy club and 9-year-old Matthew has a dairy project and takes pet care. This year the children are in three different schools, but they are all within 1 1/2 miles of the Rutt home, south of Quarryville.

About Ken's being named a Master Farmer, Connie says, "I was quite pleased and proud of him. It makes you pleased just to be nominated." Indeed, when you learn that 300 farmers are nominated and 17 were selected for on the farm interviews, the six winners are very special. Connie added, "It was interesting to see

(Turn to Page B4)

Homestead Notes

Bookkeeping Duties Kept Irene Busy

BY SALLY BAIR
Staff Correspondent

Irene Hess lives in the country, but not on the farm. That's not to say she hasn't been involved with her Master Farmer husband Claude in his poultry operations over the years, but they never lived on the farms where the poultry were located.

Irene recalls when her husband gave up a garage business in which she did the bookkeeping to raise poultry on a farm near Brownstown. Those chickens were on the range, but within seven years Claude had built a cage house, one of the first in the county. In those says Irene was gathering eggs each morning.

Bookkeeping became Irene's contribution to the operations over the years and she also worked as a bookkeeper in a local restaurant. Claude went on to found Plain and Fancy Egg Ranch with two others and then sold out his interest there to begin his present operation. It was eight years ago when he took an interest in computers and discovered their use in his poultry operation. With the advent of the computer Irene became less involved. She says, "The computer does what I used to do by hand."

Creating beautiful embroidery is a hobby which Irene puts a lot of time into. Here she works on one of the many pieces she likes to have going during the winter.

After having lived for 23 years along the New Holland Pike in Lancaster, last year the Hesses moved to a home on the lake at Mount Gretna, putting Irene happily in the peace of the country and Claude just six miles from his poultry operation rather than the 24 it had been previously.

Irene says, "I like the quiet. I like the views and I love to walk." Indeed walking has become part of Irene's daily routine since it is necessary to walk 1/2 mile to the local post office to get the mail. That's just the start for Irene, because she often goes in the opposite direction when she sets off to make a longer, more interesting walk.

According to Irene, everything stops in that small community at Labor Day when the summer vacationers go home. But this winter she has joined a group called the "Winterites" and is getting to know a larger number of her country neighbors.

Irene was thrilled when Earl was recognized for his efforts. She says, "He's always trying something new." The visit to the Farm Show in Harrisburg was an enjoyable experience and Irene called the awards ceremony "beautiful." She says she looks forward to meeting with the other Master Farmers at each year's Farm Show and also at a summer picnic.

Irene Hess plays the baby grand in her living room, a pleasure which brings her both relaxation and enjoyment. She is an accomplished pianist and organist.

In the fall, Claude was one of many local poultrymen who had his flock depopulated in the avian flu threat. It was particularly bitter for them because his flock was killed before laboratory tests were complete. Irene recalls the bleak Sunday when the task was done, "I cried all day." Her deepest concern in the matter, however, reaches to those young farmers who will not be able financially to withstand losing their flocks.

Her concern for people is evident each Wednesday when she travels from her home in Lebanon County to Lancaster General Hospital to work in the gift shop as a volunteer. She said that is one activity she doesn't plan to give up, despite their move.

An accomplished pianist, Irene began piano lessons at eight, then studied music at Elizabethtown College where she played the piano for chapel. In Lancaster she then lived just one half block from the Lancaster Church of the Brethren,

(Turn to Page B4)

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55-hp 2350 MFWD	1,950	150
65-hp 2550	2,700	125
65-hp 2550 MFWD	2,700	175
75-hp 2750	2 300	150
75-hp 2750 MFWD	2 300	200
85-hp 2950	2 600	175
85-hp 2950 MFWD	2,600	200

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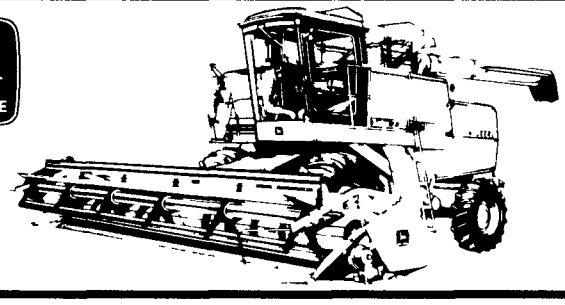

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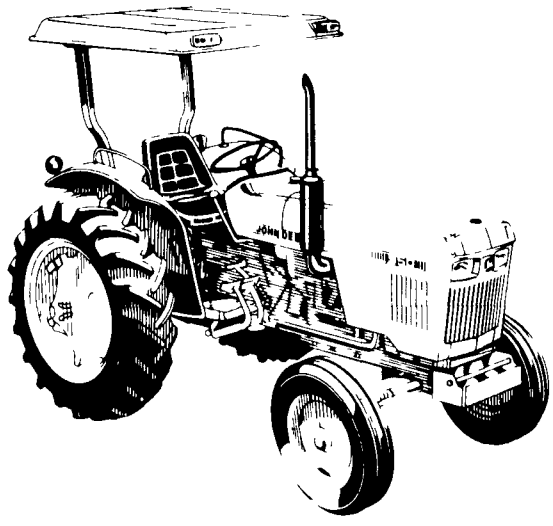

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JOHN DEERE

Teamwork Pays Off

(Continued from Page B2)

the slide presentations of the other farms." These were shown at the awards program during Farm Show Week.

Connie does much of the bookwork in their retail farm business which includes selling milk handling equipment. Most of the equipment is shipped UPS and Connie prepares it for shipping as well as handling the phone and mail orders as they arrive. Since the Rutts have the sole U.S. distributorship for their breeding calendar from England, they ship throughout the U.S.

The Rutts have recently purchased a computer to help them with their business and farming operation and both Ken and Connie are studying and working with it so they can put it to work for their benefit.

Ken is manager of the buildings at Solanco Fairgrounds, so Connie is often involved in scheduling meetings. "It is used heavily by the community for church services, weddings and other meetings. They are now going to offer a place for youth to meet once a month." She adds that the rates are kept low and cover only the expenses of the building.

The fair plays a large part in their lives, with Connie also heading the clothing exhibits. "We have a nice amount of clothing, as much as we can handle nicely," Connie says. During Fair week Connie says, "We don't plan anything but to milk the cows."

After taking a quilting class with three friends about five years ago, Connie now adds quilting to her list of accomplishments. She said she would like to make once a year. Winter is her time for this kind of work, however, because in the summer she tends a large garden and does the yard work. She is sometimes called on to make hay as well.

She helps organize the quilting group at the Mechanic Grove Church of the Brethren, which usually makes quilts for the Brethren Relief Sale in Lebanon. This winter they have quilted a friendship quilt which will be given to their former pastor.

Connie says she likes sampler quilts, and particularly likes one in her kitchen which represents various aspects of farm life. Her latest efforts revolve around "stenciling" sheets, which means transferring a quilt pattern onto a purchased sheet, adding the fill and backing and then quilting it.

"I work on quilts mainly in the evening, and I don't put them in the frame until I have time to work on it," Connie says.

Counted cross stitch is another craft she enjoys, and Connie says she often carries it with her when she is going for doctor or dental appointments. A recently acquired skill is making baskets, which

(Turn to Page B5)

Having learned to sew as a 4-H'er in northern Lancaster County, Connie stills enjoys sewing for her daughter, Lorrie, and herself. She passes on her sewing skills as a leader in the Solanco Community Club.

Bookkeeping Duties

(Continued from Page B2)

and took organ lessons there with the stipulation that she give some free time to their church. Eventually she took her turn at worship services and within two years she began wishing for a church of her own.

Her most recent post was at the Bird In Hand Methodist Church where she was organist for 12 years, but resigned with the move to Mount Gretna. She also served at the Lutheran Church of the Holy Spirit on Columbia Avenue in Lancaster.

Now Irene plays mostly for relaxation on the baby grand piano which sits in the corner of the living room. She also fills her time doing beautiful embroidery, much of which is displayed in her home.

The Hesses' two children are J. Clair who is married and in his residency at Abington Hospital, and Linda Conklin who resides in New York City with her husband.

Irene is ready to take a walk in the winter wonderland around her Mount Gretna home. This Master Farmer's wife enjoys the solitude afforded by their home in the woods.

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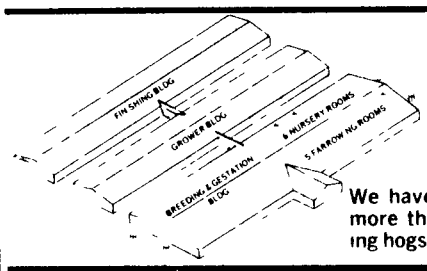

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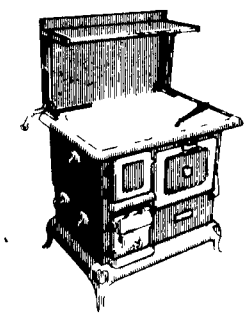

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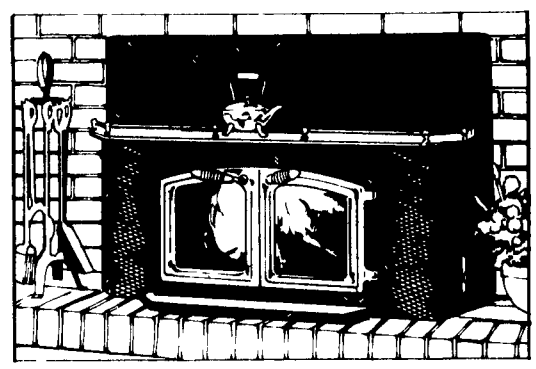

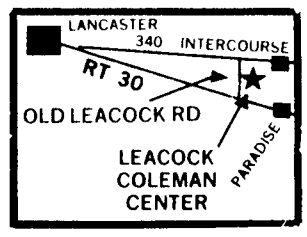

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Teamwork

(Continued from Page B4)

served as many of her Christmas gifts. Connie is also active in Farm Women Society 31.

The Mechanic Grove Church initiated a class for handicapped children, which Connie teaches. She explains, "We became aware of families in the community who were not going to church because their children couldn't go into the regular classes." Having worked at the Elizabethtown Children's Hospital, Connie says she feels comfortable teaching the class. She also has a physically handicapped brother and nephew. She provides a lession and a craft during the Sunday School hour and others provide care during the church service. Those who bring their children do not need to attend church services there.

Since they rarely get away in the summer, the family enjoys going skiing in the winter, something every member likes. Connie pointed out that Ken skiied before she met him and he taught her. Her youngest child learned when he was four years old.

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Ida's Notebook

Ida Risser

Within a few days, we will have our 36th wedding anniversary. When I think back to that Saturday in 1948, I and many other people still remember the big blizzard that we had that day. Some people never got to the church and some almost froze getting home from the wedding as their cars were stuck in drifts. There was no question about whether we'd start on our two week trip to Florida that day. We were simply glad to have a roof over our heads and postponed the trip until the next day.

We planned to move into an old house that had no electricity, no heat and no water. It was several weeks before the house was liveable. My husband and a friend wallpapered the rooms. We bought an electric stove, a refrigerator and four chairs and a table. He owned a car and I owned a bedroom suite. We set up wood and coal stoves in the kitchen and livingroom and moved in.

I carried water from the well in the lower corner of our yard and washed dishes in a pan on the table. On Saturday nights, we took a sponge bath with a basin of water after heating it on the little stove. I was so happy when my husband got water piped to the basement of our house as by that time I had diapers to wash. It was years before we had a bathroom and five of our children were raised in a house without central heating. The sixth one wasn't any healthier for not having little blue fingers in the mornings.

My husband had one cow, one heifer and and two calves on our rented farm. He borrowed machinery to work the fields and raised sweetcorn, cabbage and cauliflower as cash crops plus tobacco.

Come to think of it, we have come a long way, but it has been a lot of work!

FWS Calendar

Saturday, Jan. 21

Lancaster Society 3 meets for entertainment by members and a report of the state convention.

Lancaster Society 18 meets at the home of Mrs. I. Wayne Brubaker, 1290 Rohrerstown Road. Mrs. Ralph Sensenig will present a program on safety.

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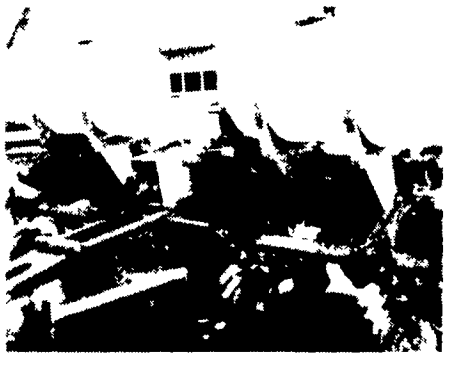

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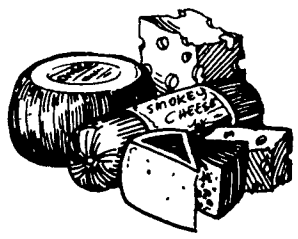
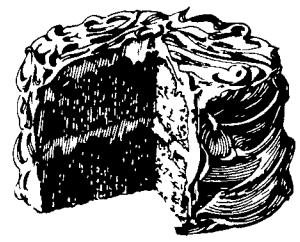


Home On The Range



Make It Easy with Eggs

If school activities, organization meetings and winter chores put everyone in your house on a different schedule, why not try hearty, easy-to-make meals which feature eggs?

Use eggs for hearty breakfasts, hot lunches or nutritious dinners that won't keep you in the kitchen cleaning up for hours.

EGGARONI

2 tablespoons butter
2 tablespoons flour
2 cups milk
3 eggs, beaten
9 hard-cooked eggs
2 cups cooked elbow macaroni
1/2 cup chopped celery
1/4 cup chopped onion
1 teaspoon seasoned salt
3/4 teaspoon marjoram
1/8 teaspoon pepper

Melt butter in large saucepan. Blend in flour and cook, stirring until mixture is smooth and bubbly. Stir in milk all at once. Heat to boiing, stirring constantly. Reserve four center hard-cooked egg slices for garnish; chop remaining hard-cooked eggs. Stir chopped eggs and all remaining ingredients into milk mixture. Pour into greased 1 1/2 quart casserole. Bake in preheated 350-degree oven for 35 to 40 minutes or until heated thoroughly. Garnish with reserved egg slices. Serve hot.

EGG AND POTATO SKILLET

1/4 cup butter
4 medium potatoes, cooked and sliced
1 medium onion, sliced

This unusual recipe, featuring eggs, makes a hearty, but easy meal. Try the Deviled Eggs in Bread Boxes for your family.

1 tablespoon snipped parsley or parsley flakes
1/2 teaspoon paprika
8 eggs
1/2 cup milk
1 teaspoon salt
1/4 teaspoon pepper

In large fry pan over medium-high heat, melt butter. Add potatoes, onion, parsley and paprika. Cook, stirring occasionally, until potatoes begin to brown and onion is tender, about five to seven minutes. Reduce heat to medium. Meanwhile, beat eggs, milk, salt and pepper together with fork. Pour egg mixture over potato mixture. As eggs begin to set, gently draw pancake turner completely across bottom and sides of skillet, forming large soft curds. Continue until eggs are thickened, but do not stir constantly. Cook until eggs are thickened throughout but still moist.

MIXED VEGETABLE QUICHE

9-inch unbaked pie shell, at room temperature
1/2 cup shredded cheddar cheese
1 cup cooked mixed vegetables, drained
6 eggs
1 1/2 cups milk
2 tablespoon instant minced onion
1/2 teaspoon oregano
1/2 teaspoon salt

Sprinkle pie shell with cheese, then vegetables. Beat eggs, milk, onion, oregano and salt together until blended. Pour over cheese and vegetables. Bake in preheated 375 degree oven for 30 to 35 minutes or until knife inserted near center comes out clean. Let stand five minutes before serving.

BREAKFAST PIZZA

butter
2 eggs
1 slice bacon, cooked, drained and crumbled
1/2 teaspoon grated parmesan cheese
1 teaspoon water
1 English muffin, split and toasted
2 tablespoons pizza sauce

Use just enough butter to grease skillet. Heat skillet until just hot enough to sizzle a drop of water. Break and slip eggs into skillet. Sprinkle with bacon and cheese. Cook over low heat until edges turn white, about one minute. Add water; cover skillet tightly to hold in steam which bastes eggs. While eggs are cooking to desired degree of doneness, spread English muffin halves with pizza sauce; top with fried eggs.

SUNNY WINTER OMELET

1/2 banana, peeled and sliced
1/4 cup flaked coconut

Combine ingredients; set aside while preparing omelet.

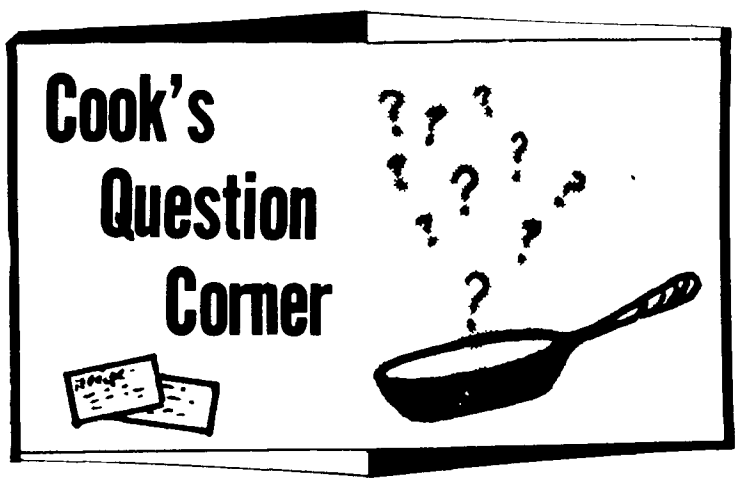
4 eggs
1/4 cup water
1/2 teaspoon salt
dash pepper
1 tablespoon butter

Mix eggs, water, salt and pepper with fork. Heat butter in 10-inch omelet pan or skillet until just hot enough to sizzle a drop of water. Pour in egg mixture. Mixture should set at edges at once. With pancake turner, carefully draw cooked portions at edges toward center so that uncooked portions flow to bottom. Tilt skillet as it is necessary to hasten flow of uncooked eggs. Slide pan rapidly back and forth over heat to keep mixture in motion and sliding freely. While top is still moist and creamy-looking, spread 1/4 cup reserved filling on half of omelet. With pancake turner fold in half or roll, turning out onto platter with a quick flip of the wrist. Top with remaining filling.

EGGS-TRAORDINARY CHOWDER

1/3 cup butter
1 cup chopped onion
1/4 cup flour
2 teaspoons instant granualr chicken bouillon
3 cups milk
2 cups cooked cubed potatoes
1 can (16 oz.) whole kernel corn with liquid
2 tablespoons diced pimiento or green pepper
1 bay leaf
1/2 teaspoon salt
1/4 teaspoon pepper
8 hard-cooked eggs, sliced
1/2 cup shredded Cheddar cheese

Melt butter in approximately 3-quart saucepan; cook onion until tender. Blend in flour and bouillon. Cook, stirring constantly, until mixture is smooth and bubbly. Stir in milk; heat to boiling, stirring constantly. Boil and stir until mixture is smooth and thickened. Add potatoes, corn, including liquid, pimiento, bay leaf, salt and pepper. Simmer, stirring occasionally, about five minutes. Remove bay leaf. Add eggs and cheese. Bring to serving temperature.



ANSWER - Several weeks ago we got questions on how to make Lebkuchen and how to make chili sauce Here are some of the recipes we received

Lebkuchen

½ cup honey
½ cup molasses
1 cup sugar
⅓ cup butter
2 teaspoons lemon juice
1 egg
2 teaspoons lemon peel
1 teaspoon orange peel
3¼ cups all-purpose flour
¾ teaspoon soda
¼ teaspoon salt
1 teaspoon cinnamon
1 teaspoon allspice
1 teaspoon cloves
¾ teaspoon mace
¼ teaspoon cardamon
½ cup chopped candied fruits
½ cup slivered almonds
3 cups powdered sugar
¼ cup boiling water
½ teaspoon almond extract

Bring to a boil honey, molasses and sugar Remove from heat, add butter Let cool, then beat in lemon juice, egg and peels Sift flour, salt and spices, add to above Mixing well Stir in fruit and almonds Chill overnight Roll out to ¼ inch thickness Cut in rectangles 1½ x 2½ inches Bake at 400 degrees for 10 minutes or until brown Make glaze of powdered sugar, water and almond extract Brush over cookies as soon as they are removed from oven

Eva Sauthard

Chili Sauce

½ peck tomatoes skinned & quartered
3 large onions, chopped
4 green peppers, chopped
4 cups vinegar
3 cups white sugar
1 teaspoon cloves
1 teaspoon allspice
1 teaspoon red pepper
2 tablespoons salt

Boil tomatos, onions, peppers, vinegar and sugar and salt Boil one hour, then add spices and boil 1 to 1½ hours longer Put in jars and seal

Ruth Weaver
Myerstown

Recipe Topics

January	
28	Snacks for Anytime
February	
4	Soups and Stews
11	Creative Casseroles

Farm Women Societies

Lancaster Society 6

Lancaster Society 6 met recently at the home of Mr. and Mrs. Bernard Thome. Anna Geyer was installed as treasurer.

Several members volunteered to make aprons for use by the Red Cross.

Anna Geyer spoke on "Opening Doors in 1984."

Berks Society 9

The January meeting of Berks Society 9 was held at the home of Joan Hafer, Douglassville R2.

It was announced that bingo will be held at Berks Heim on April 5 and Nov. 1. The Society will have a hoagie sale Feb. 4.

The February meeting will be at the home of Ruth Hafer, Douglassville R2. Members who do not wear red will pay a fine.

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On being a farm wife -And other hazards

Joyce Bupp

Think of it.

A mouse twice the size of a normal one.

According to recent news releases, that's what genetic researchers at the University of Pennsylvania have developed, using genetic-engineering techniques which use modified genes to stimulate growth hormones.

In fact, the likelihood of breeding a mouse, say 10 tens the normal size, is very real.

Knowing the type of research that comes out of the University of Pennsylvania, we have little doubt that this far-out concept will indeed eventually become reality. Some of the earliest "science fiction" techniques of embryo transplanting are already commonplace in the dairy industry, and quickly spreading to other facets of livestock production.

So, do we need a bigger mouse?

Or, equally debatable, what of the potential for taking this type of genetic engineering even farther, into the domesticated stock in the barns of America?

Imagine, suggest our kids preparing for show a cow several times the normal size.

Clipping of the top line and head might most effectively be done using one of those utility company "cherry pickers." A stepladder would be helpful in brushing out a tail.

We won't even touch the concept of manure handling.

Or what about pigs? Imagine a pork chop the size of a round steak. Awesome.

If you wanted to tile drain your meadow, you might just borrow a couple of these giant hogs, and let the big guys root up the deep ditches for laying the drainage pipes. That might idle a few backhoe operators, though.

And those hogs certainly wouldn't be welcome in this farm wife's flower beds.

Package designers would definitely have to work up new styles of egg cartons, if the poultry industry also got into this "big is better" bandwagon.

Cage layer systems would have to be reinforced with extra supports underneath to hold a passel of those ostrich-sized hens.

But you could probably make a family-sized omelet using one egg. And a large egg beater.

We could all toss our our mattresses and sack out instead on a single sheepskin, sinking way down into a luxurious bed of pure natural wool. You might not even need a blanket if the fleece was long enough to more or less burrow in for the night's rest.

And hunters — how'd you like to admit you missed a shot at a white-tail-deer 10 times bigger than normal? Let's hear the excuses on that one.

Needless to say, the possibilities for speculation are endless, to say nothing of the arguments that could be generated over the potential for 30-foot-tall basketball players.

Only one thing really worries me.

What the heck am I gonna' do if one of those 10-times-bigger mice moves into my kitchen cupboards?

Girl Scout Cookies: Use Them for Special Treats

It's that time of year again. Girl Scouts and Brownies across the country are tempting their neighbors, families and friends with boxes of scrumptious Girl Scout cookies.

But this year, think of those cookies as more than just cookies. Think of them as ingredients for making new desserts and snacks. Try some of these recipes which feature the famous Girl Scout cookies.

MINTED BROWNIE PIE

14 Thin Mint cookies
3 egg whites
dash of salt
3/4 cup sugar
1/2 teaspoon vanilla
1/2 cup chopped nutmeats
1 cup whipped cream
curls of shaved chocolate

Chill cookies in refrigerator, then roll between waxed paper to make crumbs. Beat egg whites and salt together until soft peaks form. Gradually add sugar beating constantly until stiff. Fold in cookie crumbs, vanilla and nutmeats. Spread in buttered 9-inch pie plate and chill several hours. Spoon into dessert dishes. Serve with whipped cream garnished with shaved chocolate curls.

SNAPPY SNACK MIX

4 slices bacon
2 1/2 cups Girl Scout Golden Yangles
2 cups thin pretzel sticks
1 (3 oz.) can French fried onion rings
3/4 cup coarsely chopped walnuts or pecans
2 tablespoons butter or margarine, melted
1 teaspoon Worcestershire sauce

Heat oven to 325 degrees. Cook bacon until crisp, reserving two tablespoons bacon drippings. Drain bacon on absorbent paper; set aside. Combine bacon drippings, crackers, pretzel sticks, onion rings, nuts, butter and Worcestershire sauce; mix well. Bake in 15X10-inch jelly roll pan at 325 degrees for 18 to 20 minutes, stirring occasionally. Crumble reserved bacon. Add to cracker mixture; mix well.

REFRIGERATOR DESSERT

2 (3 oz.) packages raspberry or strawberry flavored gelatin
1/2 cup butter or margarine
1 cup sugar
1 egg, well beaten
1 (8 1/4 oz.) can crushed pineapple, drained
1 cup chopped nutmeats
56 Scot-Teas cookies

Prepare gelatin according to package directions; refrigerate until partially set. Beat butter and sugar thoroughly; add egg, pineapple and nutmeats. Place a layer of cookies over bottom of 13X9-inch pan. Cover the cookies with the creamed mixture then gently press another layer of cookies into the creamed mixture. Pour partially set gelatin on top. Place in refrigerator until firm. Cut into bars.

SAVANNAH TOFFEE TORTE

1/2 cup butter or margarine
1 cup confectioners sugar
3 eggs, separated
1 1/2 ounces unsweetened chocolate, melted
dash salt
14 Savannah cookies, crushed into crumbs, including filling
1/2 cup chopped nutmeats

Beat together butter and sugar until fluffy. Beat egg yolks; add to creamed mixture. Add melted chocolate and salt. Beat egg whites until stiff. Fold into creamed mixture. Sprinkle half of cookie crumbs and nutmeats in 8-inch square pan. Pour mixture over crumbs. Then sprinkle with remaining crumbs and nutmeats. Refrigerate at least 12 hours before serving.

MINTY PEACH PARFAITS

24 Thin Mint cookies
1 1/2 pints vanilla ice cream
1 (16 oz.) can peach slices, drained

Break 12 Mint cookies into coarse pieces. Alternate layers of broken cookies, ice cream and peach slices in tall parfait glasses or 12-oz [illegible]ing glasses, ending with a layer of ice cream. Garnish each parfait with a maraschino cherry and 2 more cookies. Serve immediately.

APPLE—RAISIN BROWN BETTY

2 1/2 cups Scot-Teas cookie pieces
4 cups finely chopped tart apples
3/4 cup seedless raisins
2/3 cup firmly packed brown sugar
1/4 teaspoon nutmeg
1/2 teaspoon cinnamon
1/4 cup butter or margarine, melted
2 tablespoons lemon juice
1/3 cup water
cream

Sprinkle 1/3 of cookie pieces in greased 1 1/2 quart casserole. Mix next five ingredients. Spread half the mixture on top of cookies and repeat layers. Cover with remaining cookies. Drizzle with butter mixed with juice and water. Cover and bake in 375-degree oven for 40 minutes. Uncover and bake 20 minutes longer. Serve warm with cream.

Vegetable growers to meet

FRACKVILLE — A processing vegetable growers meeting will be held Tuesday from 1 to 3 p.m. in the Community Room of the Schuylkill Mall at Frackville.

Main purpose of the session will be to determine interest in the growing of hot peppers for the processing market, such as had been grown in Lancaster County during the past year. The mall is located at Rt. 61 and I 81.

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President's Youth Exchange Initiative Benefits 4-H

LANCASTER — On May 24, 1982, President Reagan announced the Initiative, a cooperative undertaking between government and the private sector. This liaison, which will have direct benefits for the Pennsylvania 4-H programs, is promoting direct youth exchanges as a way to ensure closer relations and improved cross-cultural understanding. During 1984, a push will be made to expand the youth exchange into additional countries.

Charles Z. Wick, director of the United States Information Agency (USIA), is Reagan's personal representative to the program. Through USIA grants, American non-profit exchange organizations that have demonstrated competence in selecting host families and providing youth representatives receive funding to increase their number of exchanges.

4-H International Youth Exchange (IFYE) is one of 35 organizations benefitting from the Initiative. Established by the Penn State Cooperative Extension Service in 1948, IFYE has since made it possible for more than 3000 young Americans to visit 89 foreign nations. Each year nearly 2000 families worldwide provide homes for IFYE delegates, the majority of whom spend six weeks to five months living with several different families in their host country. During 1983, young men and women from 30 countries were exchanged with American delegates from all over the United States.

"The International 4-H Youth Exchange is a vehicle for personal growth and development," says Dan E. Moore, associate professor of rural sociology at Penn State and a former 4-H member. "It allows delegates to realize being a leader doesn't always mean chairing an organization or being captain of a team. Learning another way of life, improving communication skills, and sharing ideas teach the delegates self-confidence as well as a deeper understanding of themselves and their own culture."

"I have a better world appreciation," says Emily Hallowell, daughter of Mr. and Mrs. Penrose Hallowell of Bucks County. Ms. Hallowell is a 1981 horticulture graduate of Penn State and a 1983 IFYE delegate to Finland.

"There's a moment when you feel frustrated and overwhelmed by the language barrier," she says. "Then you learn to beat it. You speak with hand and facial movements. Eventually you start to learn the language, and it doesn't take all that long."

Tina Taylor, daughter of Mr. and Mrs. Harry R. Taylor of Dauphin County, spent six months in the Netherlands as a 1983 IFYE representative. She corresponded with the state 4-H office during her stay.

"The only way to really learn about a country and its people is to live there, with those people," she wrote. "...In the past two months, I have lived in three provinces-South Holland, Zeeland and Freisland. Moving around to different areas has shown me that, even in a country so small, the people can be very different. In each province I found different lifestyles, costumes and even a different language."

Members of the 1983 International 4-H Youth Exchange gathered at Penn State's University Park Campus to discuss the opportunities offered through this overseas program. Back row (left to right): Tina Taylor, Dauphin County; Cheryl Compton, Indiana County; Wendy Fahnestock, Lebanon County; Douglas Brant, Somerset County; and Kevin Sames, Bucks County. Front row (left to right): Susan Mummah, Juniata County; Janice Homan, Westmoreland County; Joan Liesau, Dauphin County; Emily Hallowell, Bucks County; and Thomas Reyburn, Centre County.

The President's Council for International Youth Exchange includes more than 100 chief executive officers of American corporations and other representatives of the private sector in coordination with the USIA. In further pursuit of a genuine public/private sector collaboration, the Council works with and lends financial support to established non-profit international exchange organizations such as the International 4-H Youth Exchange, The Council on International Education Exchange and YMCA International Program Services.

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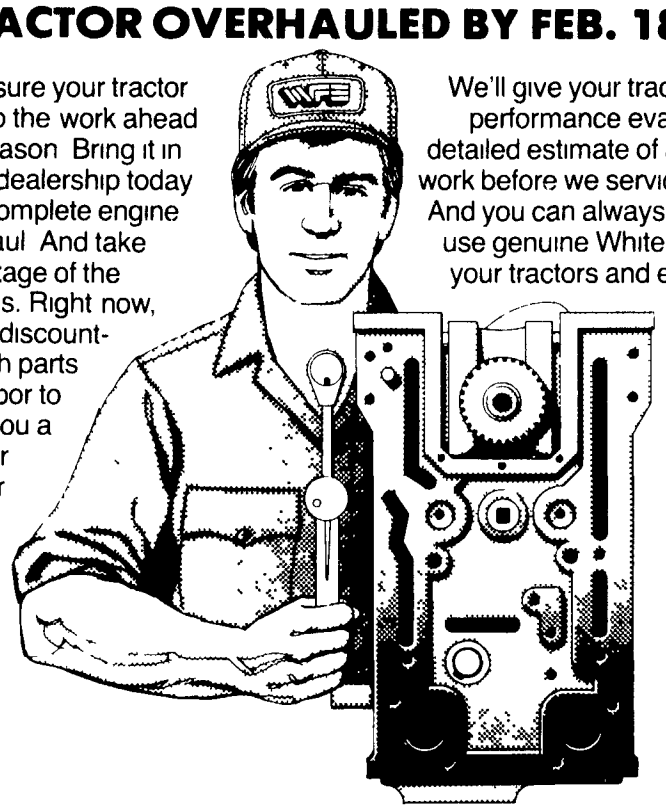

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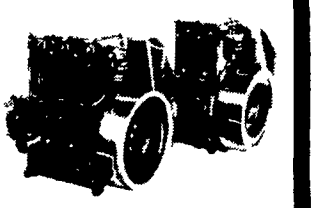

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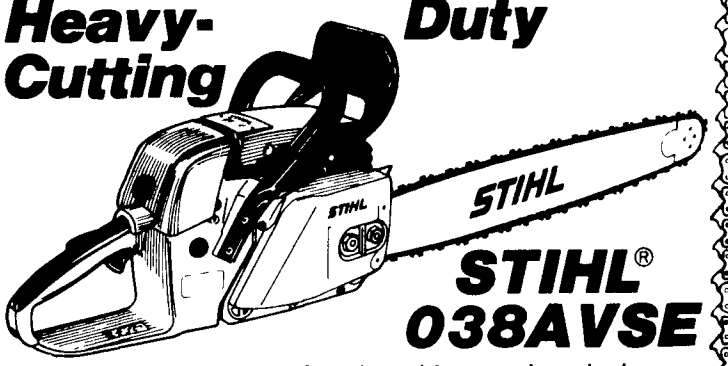

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Ants Seek and Store Honey

Not all the winged, amber-colored insects collecting honey are bees.

Some are ants — honey ants that, like bees, seek and store honey. But they have their own unique style.

Honey ants congregate in underground colonies, and nests sometimes are as much as five feet deep with a surface entryway that resembles a small volcano cone. The colony is alive with high structured activity with queens and males (which are winged for only a part of their lives) and the wingless females and worker ants all busily tending to specialized chores.

There is one special function of the workers that is truly amazing, according to the Ranger Rick magazine. A class of workers called "repletes," or honeypots, serve as living storage tanks for nectar that is collected by other workers.

The repletes, who spend their entire lives hanging from ceilings of nest chambers, store honey in stomachs that are stretched to a point that the honeypots look like small grapes. When stored honey is needed, other ants stroke the repletes with their antennae and induce them to spit up some of the nourishing honey.

All this has been observed by entomologist John Conway, who studies honey ant nests in the foothills of the Colorado Rockies. Conway said that sometimes the repletes lose their footing, drop to the ground and burst.

Conway has spent 10 years studying honey ants, both outdoors and in his lab, observing how they gather nectar and following them home. He hasn't discovered everything he wants to know about honey ants, but if he does, he plans to go to other parts of the world to learn about foreign honey ants.

Give the Birds a Feast

This time of year is a tough one for many kinds of wild birds who have trouble finding food If you want to help, try some of these snacks to put out for the birds

Corn Meal Delight

Mix 4 parts corn mean with 1 part peanut butter. Smear the mixture on pinecones and hang Or smear it on the bark of a tree Chickadees, juncos, brown creepers, woodpeckers, and nuthatches all go for this delightful dish

Suet Surprise

Mix 1 part suet with 2 parts peanut butter Put the mixture in the plastic mesh bags that onions and oranges come in. Hang Don't be surprised if you see nuthatches, chickadees, or woodpeckers on the bag

Wild Seed Wonder

Put wild bird seed mix in tube feeders or in bird feeders made from milk cartons Hang them up It's wonderful how titmice, jays, cardinals, purple finches, grackles, and house sparrows gobble up this treat

N.J. FFA holding leadership talks

NEW BRUNSWICK, N.J. — The New Jersey State FFA Association is conducting three Leadership Training Conferences throughout the state The conferences are being held at three locations on different dates to accommodate all FFA members in New Jersey.

The Northern Conference was at Hackettstown High School, Hackettstown, yesterday, the Southern Conference at Oakcrest High School, Mays Landing, on Jan. 27; and the Central Conference at Middlesex County Vocational School, East Brunswick, on Feb 10

These conferences are planned to teach FFA members leadership skills and general FFA knowledge for future leadership positions. The sessions will run from 4:00 p.m to 9.00 p.m on three Friday nights — all three conferences will be identical

Training sessions are planned, prepared and presented by the State FFA Officers. According to Steve Gruenburg, State FFA President, the conferences contain presentations to inform members about parliamentary procedure, FFA meeting room setup, and conducting work wihtin a committee. The members also develop skills an FFA member needs to make his/her chapter function actively The training during the conference is done by activities that help members find their potential and encourage participation Competitive events take place during the sessions and during recreation.

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1.	BLACK	6.	PEACH
2.	RED	7.	GREY
3.	YELLOW	8.	LT BROWN
4.	BLUE	9.	LT. BLUE
5.	BROWN	10.	LT. GREEN

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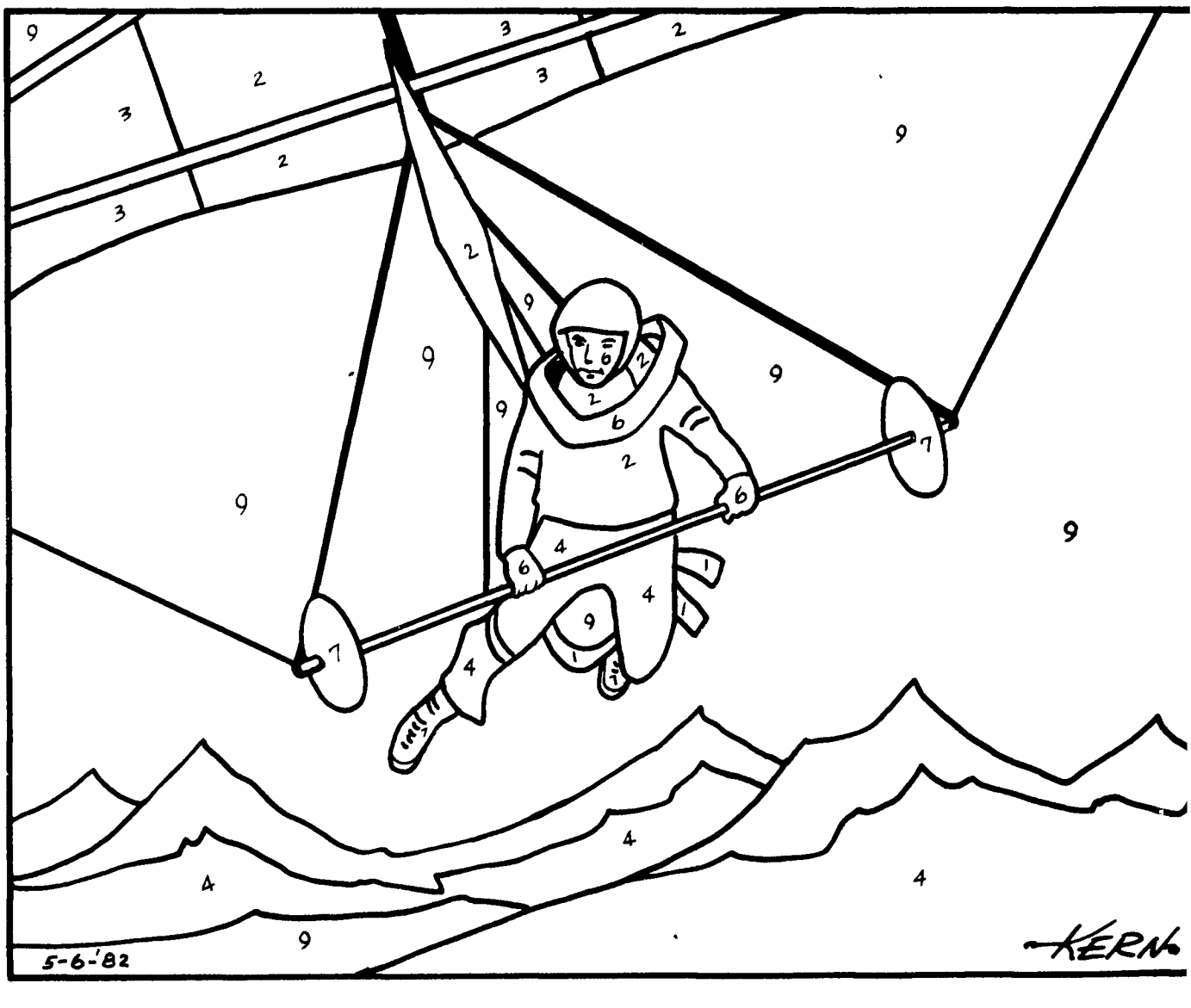

Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Baking Soda. For Smart Shoppers Only

With shopping dollars so scarce, the pressure's on to cut costs where we can. But do you shop smart?" If you do, you'll have no trouble passing this simple test

- How do you clean your microwave oven?
- How do you clean your countertops and tabletops?
- What do you use to clean your appliances?

What kind of bathroom cleaners do you use

If you had more than one response to all these questions, you're wasting your supermarket dollars. The single correct answer? Baking Soda?

Baking soda simultaneously cleans and deodorizes most kitchen and bathroom fixtures and appliances safely and effectively. And it's a bargin, one pound of baking soda costs far less than many cleaners Here's how to get all these product benefits out of one inexpensive yellow box.

Start with your kitchen Baking soda is the ideal cleaner for microwave ovens Most microwave manufacturers warn against using abrasive cleaners on stainless steel or acrylic interiors, and baking soda is an effective non-abrasive that cleans without scratching Gently wipe the inside of the even and around the door seal with a baking soda solution of four tablespoons of baking soda to one quart of warm water.

This solution is also great for cleaning all parts of the range — surface units or burners, grates, knobs and the hood especially. Scour extra dirty and greasy areas with baking soda sprinkled on a damp sponge; rinse and dry.

With the same solution and a sponge, you can clean and deodorize most other surfaces in your kitchen. Baking soda solutions also clean formica countertops, linoleum tiles, chrome, wood cutting boards, stainless steel, and porcelain enamel Don't throw out the sponge when you're done, a baking soda solution neutralizes any odors

And, most refrigerator manufacturers recommend baking soda as a cleanser. It cuts film without scouring and removes stains without scratching

Also, leave an open box in the refrigerator and in the freezer to prevent food odors from spreading. Replace it every three months, but don't throw the old baking soda away; after three months, it still has enough power left to clean and deodorize garbage disposals and drains. Just dump the contents of the box down the drain or disposal and chase it with hot water. Baking soda helps keep drains and traps open and won't corrode the plumbing.

Cow's Milk OK For Babies Over 6 Months

Babies over six months old, whose diets include adequate amounts of vitamin C and iron, may drink whole milk. That's the latest recommendation from the American Academy of Pediatrics, and it's good news.

Since milk costs about one-fourth as much as infant formula, the recommendation can mean substantial savings. Formerly, the Academy recommended infant formula for babies under a year because milk is low in iron and vitamin C. Research studies indicate that cow's milk is equal in nutrition to infant formula when supplemented with vitamin C and iron.

To supplement their baby's diet parents can feed iron enriched cereals, strained or pureed meats, and a variety of fruit juices, fruits and vegetables.

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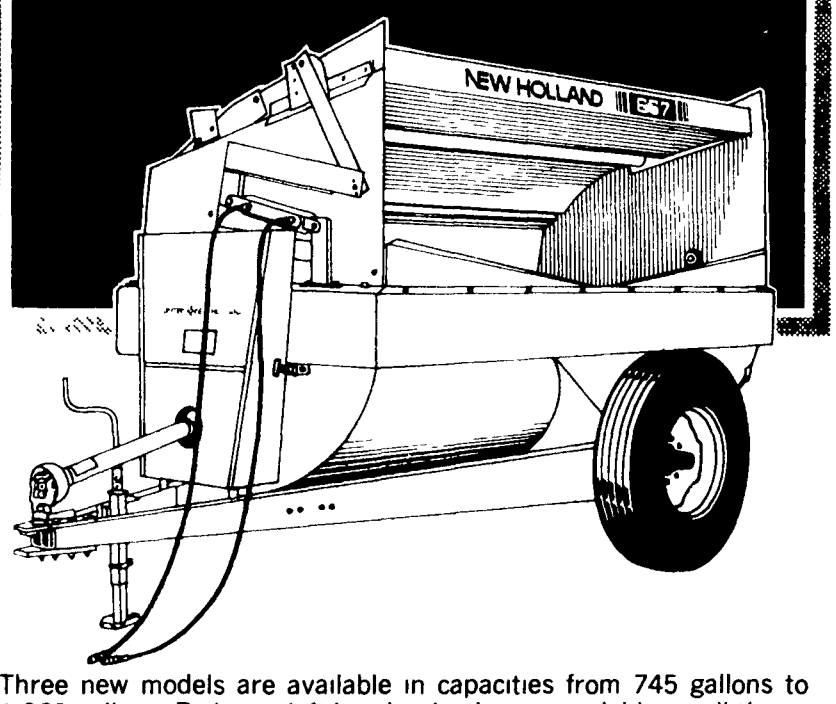

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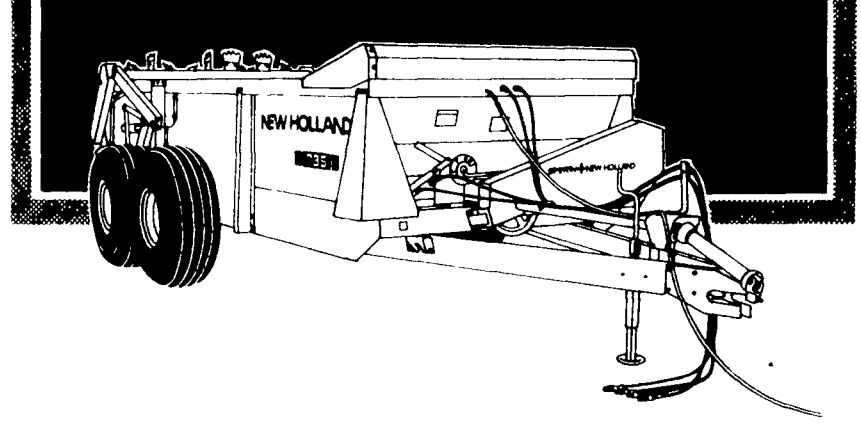

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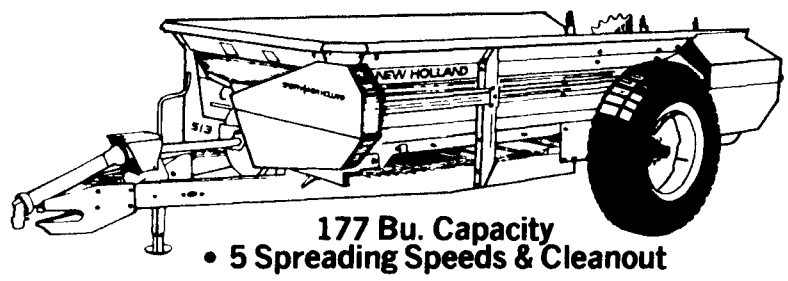

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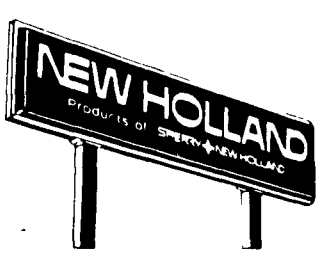

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Clothing Winners Named

FARM SHOW — Time and patience. That, with a lot of skill, is what it takes to win in the clothing division of the Farm Show. Here are this year's winners:

Clothing
Open Class
Hand Crocheting
Made by an Adult (age 18 or over)
Accessories
1 Kris Peters Trout Run 2 Brenda Rostoldky Harrisburg
Garments
2 Debbie Daum State College 3 Sherilyn Kanyuck York Haven
Made by Youth (under age 18)
Accessories
1 Christine Hoffman Northumberland 2 Cathy Evansic Graceton 3 Christine Evansic Graceton
Garments
1 Dori Gerber Lebanon 2 Marina Keefer Orrstown 3 Vicki Rhodabarger Annville
Ensemble
1 Holly Bachert Annville 2 Melissa Keeley Northumberland 3 Leonard Evansic Graceton
Garments
Hand Knitting
1 Becky Pheasant Williamsburg 2 T J Fryberger E Petersburg 3 Robby Vizard Harrisburg
Ensemble
1 Mrs G Brinser Annville 2 Sarah Stein Harrisburg 3 Deane Mae Gill Forksville
Made by Youth (under age 18)
Accessories
2 Nancy Patton Northumberland
Garments
1 Stepha Dewesma McConnellsburg 2 Holly Bachert Annville 3 Amanda Spahr Dover
Children s Clothing
Boys & Girls birth to size 3
1 Susan Carns Millersburg 2 Deane Macgill Forksville 3 Marsha Ream Somerset
Boys & Girls, size 3 to 6x
1 Sara Jane Krall Lebanon 2 Joy Miller Millersburg 3 Brenda Summers
Boys & Girls, size 7 12
1 Mrs H Heim Transfer 2 Mrs P Walters Selinsgrove 3 Marsha Ream Somerset
Sweepstakes
1 Sara Jane Krall 2 Susan Carns 3 Joy Miller Millersburg
Woman's Pant Outfit (2 or 3 pieces)
District I West
1 Amy Mostoller Friedens 2 Mrs H Heim Transfer 3 Brenda Eaton Butler
District II East
1 Mrs Paul Walters Selinsgrove 2 Lisa Sterling Harrisburg
Sweepstakes
1 Amy Mostoller 2 Lisa Sterling 3 Mrs H Heim
Women's Dress (1 or 2 pieces)
District I West
1 Brenda Eaton 2 Ruth Goddard Hollsopple 3 Marsha Ream
District II East
1 Darlene Bowerman Chambersburg 2 Sara Jane Krall 3 Marilyn Bast Kutztown
Sweepstakes
1 Brenda Eaton 2 Darlene Bowerman 3 Sara Jane Krall
Ensemble (2 or 3 pieces)
District I West
1 Deane Macgill Forlesville 2 Sara Jane Krall 3 Mary Ann Gantz Wash Boro
District II East
1 Deane Macgill 2 Sara Jane Krall 3 Mary Ann Gantz
Sweepstakes
1 Deane Macgill 2 Amy Mustoller 3 Mary Ann Gantz
Women s Tailored Coat or Blazer
1 Brenda Eaton 2 Mrs P Walters Selinsgrove 3 Melanie Rusin Carbondale
Men's Tailored or Leisure Suits
1 Mrs P Walters 2 Marian Seo Hazelton 3 Brenda Eaton
Skirt with Coordinating Top
1 Marsha Ream Somerset 2 Mrs P Walters 3 Roylene Kline Kutztown
Active Sportswear
1 Deane Macgill 2 Mrs P Walters 3 Marsha Ream
Shirts & Blouses (Men s or women s)
1 Mrs P Walters 2 Brenda Eaton 3 Tina Kimble Bedford
Clothing & Textiles 1st year
Pillow
District I
1 Tina Wilhelm Centerville 2 Anita Irwin Marion Ctr 3 Shannon Horne Atlantic
District II
1 Daryl Hackman Newmanstown 2 Angela LeVan Catawissa 3 Korinne Livelsberger Gettysburg
Beach Wrap-Up
District I
1 Maria Keber Saegertown 2 Jennifer Dickinson Newcastle
District II
1 Andrea Sterner Harrisburg 2 Shannon Weller Harrisburg 3 Jean Styer Milton
Draft Dodger
District I
1 Carol Porter McDonald
District II
1 Cheryl Viaud Muncy 2 Debbie Shipper Hazelton
Log Carrier
District I
2 Meghan Semencar
District II
1 Phyllis Stone Pardesville
Travel Kit
District I
1 Cindy Stiles Blairsville 2 April McCartney Enon Valley 3 Becky Zdunczyk Summerhill
District II
1 Abbey Remaley Middleburg 2 Michelle Troutman Selinsgrove 3 Patrick Heintzelman Selinsgrove
Placements & Napkins
District II
1 Heather Dreibelbis Mifflintown 2 Patricia Wersinger Hazelton 3 Patti Mumie Hazelton
Sweepstakes
1 Darrly Hackman Newmanstown 2 Tina Wilhelm Centerville 3 Anita Irwin Marion Center
Clothing and Textiles 2nd Year
Tote Bag
District II
1 Tracy Mauefair Lebanon 2 Meg Stoltzfus Wellsboro 3 Deb Stoltzfus Wellsboro
Gym Bag
District I
1 Shannon Horne Atlantic 2 Jennifer Rafferty Gibsonia 3 Susyn Cheers Emlerton
District II
1 John Rohrbach Selinsgrove 2 Lauren Bordner Selinsgrove 3 Cathy Wa ler 'Avondale

Backpack
District I
1 Debbie Beatty Home 2 Mary Funk Homer City 3 Kara Sheetz Meadville
District II
1 Julie Aurand Lewistown 2 Celene Funk Halifax 3 Danielle Sinsabaugh Halifax
Purse
District I
1 Glenda Smith Marion Center 2 Tara Say Ford City
District II
1 Melanie Kuntz Gardners 2 Kimberly Mc Cleskey Mifflin 3 Tiffani Zayry Northumberland
Scarf
District II
1 Gwendolyn Perry Hamburg 2 Julie Hughes Hanover

Sweepstakes
1 Julie Aurand Lewistown 2 Glenda Smith Marion Center 3 Debbie Beatty Home
Clothing and Textiles 3rd Year
All hanging or Pillow
District I
1 Mendy Umbrella McConnellsburg 2 Christy Bogart Coudersport 3 Pollyanna Cole Saegerstown
District II
1 Christine Hoskin York
Travel Case
District I
1 Tracie Harker Enon Valley
Stuff Sack
District I
1 Michelle Brown Coudersport 2 Mary Jo Fowler Coudersport
District II
1 Betsy Fravel Jersey Shore
Multi-purpose Apron
District I
1 Amy Ross Marion Center 2 Rebecca Suders McConnellsburg 3 Dana Briggs Washington
District II
1 Nancy Patton Northumberland 2 Pamela Fry Springfield 3 Jill Malthaner Chester Co

Tabard
District II
1 Gwendolyn Perry Hamburg
Nightie
District I
1 Katrina Irwin Marion Center 2 Karla Sheets Meadville 3 Emily Ross Marion Center
District II
1 Amy Troutman Selinsgrove 2 Tara Brendle Mercersburg 3 Anita Zendt Mifflintown
Other
District I
1 Darcy Anna Elizabeth 2 Melissa Flynn Summerhill
District II
1 Heather Haldeman Manheim 2 Kristelle Myer Lititz 3 Linda Marshall Honesdale
Sweepstakes
1 Amy Ross Marion Center 2 Katrina Irwin Marion Center 3 Christine Hoskin York
Clothing and Textiles 4th Year
Vest
District II
1 Jennifer Eakin Montgomery 2 Christine Womer Mt Pleasant Mills 3 Rhonda Simms Lawrenceville

Pullover Top
District II
1 Pam Rebuck Hegins
Gathered Skirt
District I
1 Tricia Cox West Alexander 2 Amy Beechner Venus 3 Linda Weakland Hastings
District II
1 Delphine Rusin Carbondale 2 Trudy Dressler Selinsgrove 3 Sheila Landis Telford
Patchwork Skirt
District I
1 Beth Garritz Saegertown 2 Judy Rhoads Berlin 3 Carol Rhoads Berlin
District II
1 Karen Smith Schnecksville 2 Marcia Heagy Souderton 3 Gretchen Hoffman Halifax
T Shirt (knit)
District I
1 Amy Ross Marion Center 2 Erin Sheets Meadville 3 Martin Bruner Blairsville
District II
2 Charmaine Burrell Chester

(Turn to Page B14)

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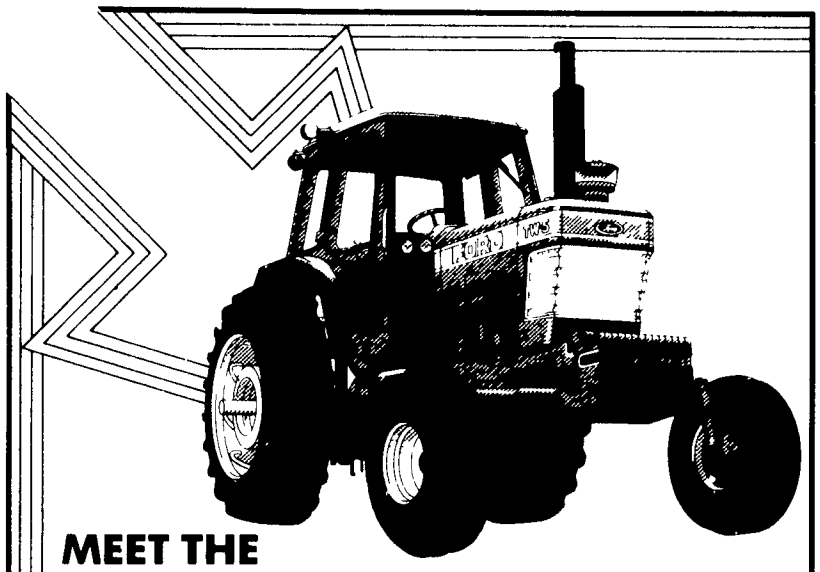

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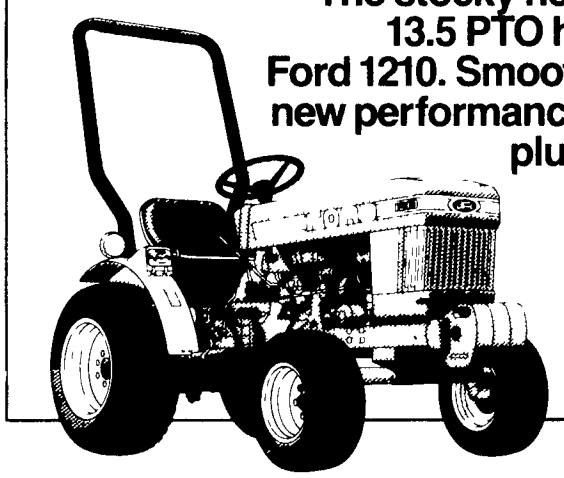

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New Hobby Results in Two Farm Show Ribbons

BY KIMBERLY HERR

CENTERVILLE — It began when Kim Myers was bored in a high school study hall. It was sparked on by a competitive spirit between Kim and her cousin. It resulted in two winning ribbons from the Farm Show.

Kim, 20-year-old daughter of Ray and Ellen Myers, explained that when she was a student at Hempfield High School - she graduated in 1982 - she had a study hall, and she was bored. So, she decided to join a rug braiding club offered at the school.

She also explained that she and a female cousin had a long-running competition. So, when Kim decided to enter a braided rug in the Farm Show last year, she wanted it to be the best it could be She wanted to win She came home with a second place ribbon.

This year, she tried again And when she brought her blue braided rug home from Harrisburg there was a blue first place ribbon attached to it.

But Kim does not take all the credit for winning. She shares some of it with her teachers at Hempfield High School and her parents.

"Mr. Nohrenberg is basically the person who really got me started,"

First-place Farm Show rug is displayed by Kim Myers.

Kim Myers and her father, Ray, work together on a new braided rug.

Kim said, explaining that Mr. Nohrenberg is a driver education teacher and one of the rug club instructors at Hempfield High School.

"Mom and Dad helped me on the last four rounds (of the braided rug)," Kim said. "Dad used to be the untangler."

Kim explained that as she braided the material, sometimes working with strands of material 70 feet in length, it would get tangled. Her father would sit behind her and reverse braid from the back so that the material would flow freely for Kim.

The final product, when Kim was finished braiding and her father was through untangling, was a 4 X 6 foot oblong rug, done in shades of blue, with some tan and white shades also included.

Kim said that she worked on the rug for about three months in her spare time.

What made her rug the winner out of the six rugs entered?

"I really don't know," Kim laughed, adding that she enjoys having her rugs on display at the Farm Show. "I think it's thrilling because everybody calls you up and says they saw your rug at the Farm Show."

But Kim earns the recognition she gets.

"She really has to use a lot of muscle," Kim's mother, Ellen, said, explaining that it is important to keep the braids tight and to do that Kim must constantly pull on the materials as she is braiding.

"When you first start out you really get blisters," Kim laughed.

Kim hooks the braids onto the stairway banister in their downstairs family room. This allows her to pull on the material and tighten the braid

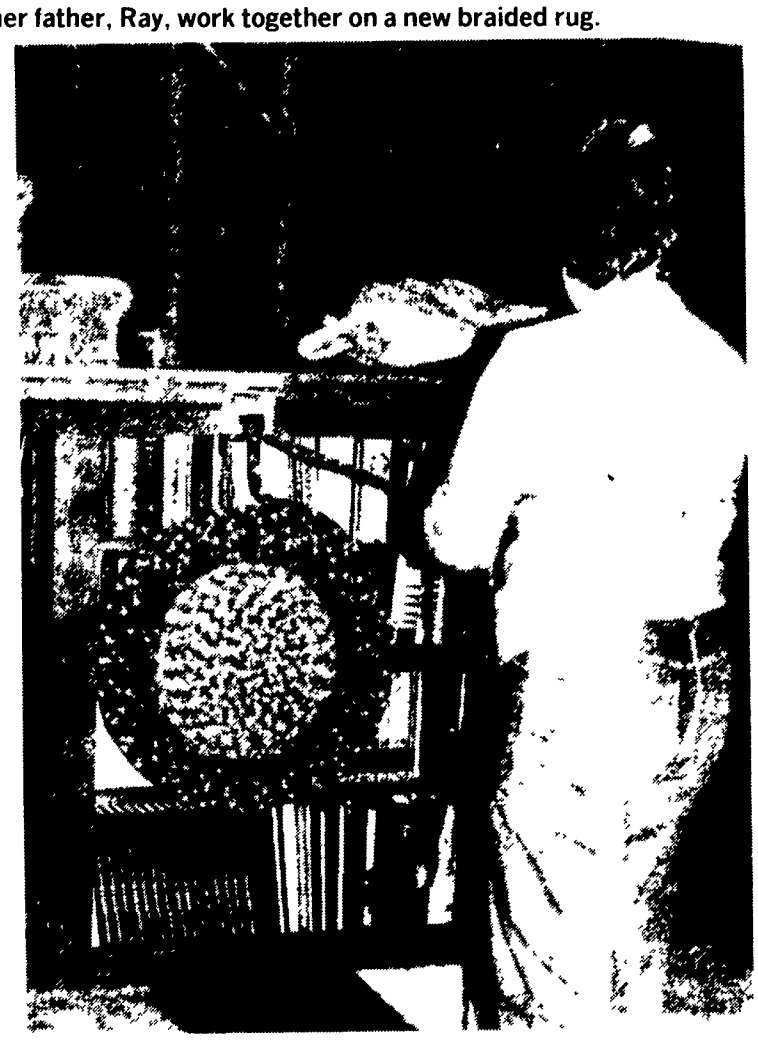
And in addition to muscle and tough hands, braiding rugs calls for patience. Kim explained that if the rug is made without doing enough backstitching, the ends of the rug will curl up and be unusable, making it necessary for parts of the rug to be redone.

"I actually have less patience than what most people would," Kim said modestly.

But patience or not, Kim has already started on next year's Farm Show entry, a round braided rug

"The round rug is one of the hardest you can do," Kim said. "I want to make it as big as possible."

Since Kim has brought home ribbons both years she entered the Farm Show competition, she feels the pressure to create another ribbon-winner. She plans to keep on winning.



Rug is attached to bookcase so that Kim Myers can pull braid tight.

Clothing Winners

(Continued from Page B12)

Pants or Shorts
District I
1 Emily Ross Marion Center 2 Judy Foster Enon Valley
District II
1 Beth Brandt Palmyra
Other
District I
1 Susan Mishrell Waterfall 2 Regina Good Marion Ctr 3 Jennifer Brown Garrett
District II
1 Amy Strausbaugh Manheim 2 Susanne Brendle Mercersburg 3 Lisa Shenk Lititz
Sweepstakes
1 Amy Jo Strausbaugh Manheim 2 Bety Garrity Saegertown 3 Susan Mishrell Waterford
Clothing and Textiles 5th Year
Top
District I
1 Susan Grove Greensburg
District II
1 Laurie Welsh Sugarloaf 2 Jennifer Compton Mifflintown
Simple Dress
District I
1 Dawn Gilliland Franklin
District II
1 Karen Chronister York
Jumper
District I
1 Kathy McWilliams Washington 2 Carol Spicher Rossiter 3 Diane Bell Blairsville
District II
1 Stephanie Moyer Harleysville 2 Julie Prusakowski Harleysville 3 Heidi Zendt Mifflintown
Other
District I
1 Jane Anne Strong Smock 2 Kevin Carson Franklin 3 Jennifer Belford Commodore
District II
1 Tanya Rohrer Lititz 2 Pam Kimmel Higins 3 Jennifer Slacktish Jermyn
Sweepstakes
1 Tanya Rohrer Lititz 2 Kathy McWilliams Washington 3 Pam Kimmel Higgins
Clothing and Textiles 6th Year
Pants and Top
District I
1 Sherrie Mishrell Waterford 3 Laura Robinson Baden
District II
1 Julie Longenbach Northampton 2 Christine McDonald Shippensburg 3 Catherine Cesanek Northampton
Jumpsuit
District I
1 Kelly Bail Rea 2 Cheryl Rieg Chester Springs
Other
District I
1 Dawn Methang, Washington
District II
1 Lynelle Stutzman Schwenksville 2 Jody Carney, Lansdale 3 Jung Park N Wales
Sweepstakes
1 Kelly Bail Rea 2 Dawn Methang Washington 3 Lynelle Stutzman Schwenksville
Dress-up Outfit - Dress or Pants
District I
1 Marty Boman Indiana 2 Dawn Gilliland Franklin 3 Diane Dickey Kittanning
District II
1 Sylvia Royer Lebanon 2 Melanie Shenk Lititz 3 Natalie Wagner Lititz
Sweepstakes
1 Sylvia Royer Lebanon 2 Melanie Shenk Lititz 3 Marty Boman Indiana
Tailored Outfit
District I
1 Pam Shugars Latrobe 2 Judy Bates Derry 3 Ellen Nebgen Altoona
District II
1 Michelle Rohrer Lititz 2 Renee Haldeman Manheim 3 Rhonda Witmer Lititz
Sweepstakesa
1 Pam Shugars Latrobe 2 Michelle Rohrer Lititz 3 Renee Haldeman Manheim
Tailored Suit
District I
1 Bret Reyburn State College 2 Kelly Wible Three Springs 3 Beverly Diehl
District II
1 Linda Justick Avoca 2 Gail Partington Sugarloaf 3 Lori Reesor Lebanon
Sweepstakes
1 Bret Reyburn State College 2 Kelly Wible Three Springs 3 Linda Justidk Avoca
Tailored Coat
District I
1 Sheri Bensink Corry
District II
1 Holly Bachert Annville 2 Susan Eck Muncy
Sweepstakes
1 Sherri Bensink Corry 2 Holly Bachert Annville 3 Susan Eck Muncy
Party Gown
Short Gown
District I
1 Carol Ann Hall Franklin 2 Karen Daum State College
District II
1 Cindy Harnish Lancaster
Long Gown
District I
1 Janet Rudy Sewickley 2 Joanne Morrill Leechburg
District II
1 Dawn Raubenstine Hanover 2 Robin Staudenmeier Conynghan 3 Melissa Hayhurst Northumberland
Sweepstakes
1 Carol Ann Hall Franklin 2 Cindy Harnish Lancaster 3 Dawn Raubenstine Hanover
Free Lance
District I
1 Beth Sarver Greensburg 2 Nina Lonchar Enon Valley 3 Brenda McCrecken Homer City
District II
1 Diane Schoenberger Palmerton 2 Lori Dotter Lehighton 3 Janet Carney Lansdale
Sweepstakes
1 Beth Sarver Greensburg 2 Diane Schoenberger Palmerton 3 Lori Dotter Lehighton

4-H'ers Grade and Identify Potatoes

HARRISBURG — Lehigh and Schuylkill County 4-H members won top team awards in the potato grading and identification contest during the 68th Pennsylvania Farm Show.

The Lehigh County team captured the top award in the division for experienced judges, receiving 1266 points out of a possible 1500 Team members were Seth Gruber, New Tripoli; Debra Krause, RD 3, Slatingdon; Tim Hoch, RD 3, New Tripoli; and Doug Peichtel, Brienigsville. Debra Krause was the overall individual contest winner.

In the division for experienced judges, the 4-H team for Union County placed second, and the team from Lycoming County was third.

In the division for novice judges, the winning team was from Schuylkill County. Judges included Amy Hetherington, Joanne Careyva, and Kelly and Chris Murray, all from Ringtown. The team from Northampton County placed second in the novice division, and the York County judging team placed third.

Twenty-five teams competed in the contest.

Individuals
1 Debra Krause Lehigh Co 2 Pattie Snook Union Co 3 Tim Hoch Lehigh Co
Team A Potato Grading
1st Bob Leiby (Agent) Seth Gruber Debra Krause Tim Hoch Doug Feichtel Lehigh County
2nd Kay Humbert (Agent) Sally Kieffer Patti Snook Abra Kieffer Crystal Zechman Union County
3rd John Carl (Agent) Jennifer Eakin Tod Eakin Richard Styer Kevin Styer Lycoming County
Team B Potato Grading
1st George Perry (Agent) Amy Hetherington Kelly Murray Chris Murray Joanne Careyva Schuylkill Co
2nd Joel Simmons (Agent) Cathy Fasching Theresa Fasching Kim Brown Tracey Brown Northampton Co
3rd Denise Chase (Agent) Rob Haskins Jon Haskins Mike Fetrow York Co

Del. 4-H Agent Retires

NEWARK, Del. — When Marion MacDonald came to Delaware in 1953, she didn't expect to stay long. Her husband, Ronald, had to be here temporarily on business, and she mainly came along for the ride.

But all that changed when she met Dr. Samuel Gwinn, director of the University of Delaware Cooperative Extension Service. He had been looking for an enthusiastic young 4-H agent for Kent County, and was impressed when he met MacDonald. The daughter of an Extension plant pathologist, she had earned a B.S. in home economics two years previously at Oregon State University. After that she had worked as an Oregon Extension home demonstration agent with 4-H responsibilities.

MacDonald accepted the job in Delaware, and her husband found work here, too. She filled the position for the next 30 years, until her retirement in December. In all those years, she never lost the enthusiasm that first won her the job

MacDonald says her 12th trip to the National 4-H Congress in Chicago was every bit as exciting as the first, because she was always able to experience it through the wide eyes of the Delaware teens who had never been there before. She also never tired of watching timid youngsters blossom at Delaware State 4-H Camp.

When McDonald joined the University of Delaware Extension service, she was the only female 4-H agent in the state, and from a non-farm background to boot.

Though agricultural production was not her strongest suit, when that sort of work needed doing she

Marion MacDonald

pitched right in and learned on the job. At the same time, she expanded the Kent County 4-H program to embrace non-farm youngsters and non-agricultural activities. Under her leadership the number of youngsters participating in public speaking contests and the annual fashion revue grew considerably.

Two generations of youngsters enjoyed MacDonald's humorous poems and learned all manner of handicrafts under her wing. Many grew up to be volunteer 4-H leaders.

MacDonald's unstinting efforts on behalf of youth have not gone unrecognized. In 1971 she was the first woman in the nation to receive the Distinguished Service Award from the National Association of Extension Agricultural Agents. In 1976 she was given a similar award by the National Association of Extension 4-H Agents. In 1980 she was presented with the Community Citizen Award by the Capital Grange of Dover.

Now that she has retired, MacDonald has no thought of going back to the West Coast. "Delaware has made a home for us," she says. "We love it here and plan to stay."

She is looking forward to relaxing, doing needlework, working with ceramics and other crafts, and spending more time with her husband. But her fellow Extension professionals will not let her sit idle for long. Already they're pushing her to become a 4-H volunteer. As everyone knows — including MacDonald herself — she won't be able to stay away for long.

State Master to Visit 8 Counties

HARRISBURG — State Grange Master Charles Wismer and several State Grange officers will meet with local Grange members in southeastern and southcentral Pennsylvania Jan. 30 - Feb. 2 for county membership meetings.

Carrying the theme "Pennsylvania Grange — We Serve You," the round of meetings are for the purpose of discussing membership drives, Grange services, legislative involvement, the Junior Grange program for young children and youth activities. Sandy Westover, state junior director; Fred Suloff, state membership director; Warren Harnish, representative for the PA Grange Insurance Agency; and a youth representative will accompany the State Master at all meetings.

Wismer said the State Grange this year has realized a net gain in membership for the first time in many years and has initiated five new subordinate chapters. A key topic of discussion at county meetings will be the conducting of a statewide membership drive in the spring with specific goals set for each county.

With a membership totaling 42,000, the State Grange is the largest rural farm organization in the state. Local granges can be found in every rural county in Pennsylvania.

Dates, times and locations for county meetings are listed below:

Bucks County Jan. 30, 1 p.m. Tyco Grange Hall.

Lehigh County, Jan. 30, 7:30 p.m. Memorial Hall, Germansville.

Berks/Schuylkill, Jan. 31, 1 p.m., Shartlesville Grange.

Montgomery County, Jan. 31, 7:30 p.m., Keystone Grange.

Chester County, Feb 1, 1 p.m., E. Lynn Grange.

Lancaster County, Feb. 1, 7 p.m., Willow St, Restaurant (intersection of routes 272 & 222).

York County, Feb. 2, 1 p.m., Red Lion Grange.

Perry County, Feb. 2, 7:30 p.m., Rose Glen Methodist Church.

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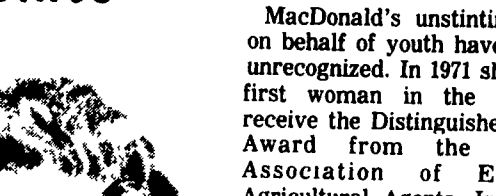

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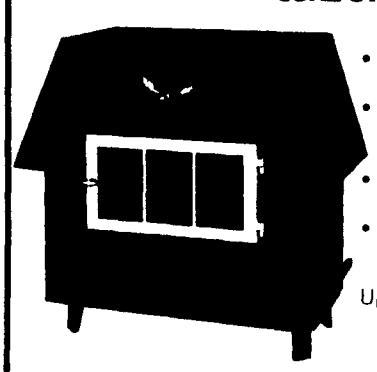

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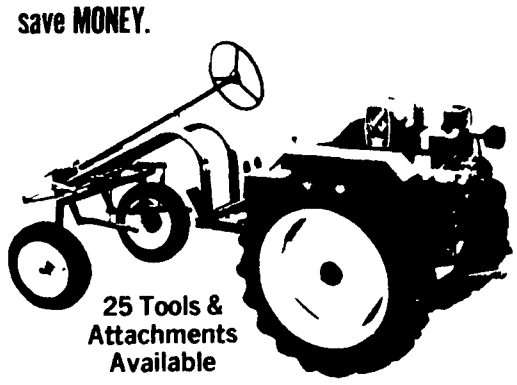

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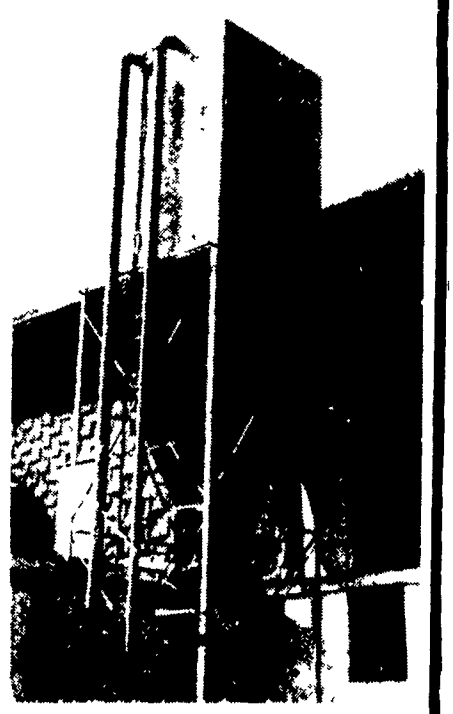

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Make 1984 a Family Year

NEWARK, Del. — Families make a special effort to spend time together over the holidays, but by January they may drift off into their own directions. Instead of letting that happen, resolve that your family will grow closer and warmer throughout 1984, suggests University of Delaware Extension Home Economist Debbie Amsden.

Set aside a regular time each week for family activities, she says. These can be as simple and inexpensive as playing card or board games, working jigsaw puzzles, making crafts, or playing musical instruments. Makeshift instruments and kazoos can be just as much fun as pianos and violins. All these activities will help children develop skills and confidence as well as family feeling.

Winter weather offers many possibilities for family fun, Amsden says. If everyone bundles up, skating, sledding, and playing in the snow provide plenty of healthy exercise. Then go inside for an oldfashioned taffy pull. A basic cookbook will explain how it's done.

Reading, watching a television special, looking at family pictures or home movies, and listening to music are activities family members of all ages can enjoy. By sharing the experience, everyone has a common subject to discuss. Discussion helps children form opinions, sort out issues that concern them, and learn that parents can listen.

Children whose parents spend time with them feel good about their parents and themselves, the home economist says. To a child, the words, "I love you" may mean less than a practical example of that love, such as a parent who takes time to play catch or go on family outings.

The strongest, healthiest families spend time together, Amsden says, and thus develop an attitude of support and commitment to one another.

BACK HOME

By Michelle S. Rodgers

Lancaster Extension Home Economist

"It's Officially Winter!"

It's January — the traditional month of all day football games, snow and the Farm Show. And what a tradition the Farm Show is — all sixty eight years of existence.

Many of us generally only think of traditions as those things that happen at holidays. But this is not necessarily so. Traditions are important to our families as they are something like a string that ties us to our family past and links us to our future. The Farm Show was always one of our family traditions. We even had a day off from school to go. My childhood memories recall such Farm Show traditions as collecting yardsticks, spending hours following Dad through the machinery exhibits, eating a hoagie and cider for lunch in the big arena, and admiring the large Belgian horses.

The past several years I've been able to see the Farm Show from the other side of the fence! I spent the weekend prior to Farm Show entering clothing exhibits, assisting judges and setting up displays and the following weekend closing up exhibits. Regardless, the excitement of the Farm Show still remains for me and it seems to affect farm and city folk alike

With all the excitement of Farm Show coming to a close many of you may be facing what appears to be a long winter ahead, or maybe you are experiencing the post-holiday blues. Does it seem to you like the only thing to look forward to is the Fourth of July?

One cure for winter doldrums is to start some non-holiday winter traditions. Think about some things that you could look forward to and enjoy together as a family.

My favorite winter family tradition is baking doughnuts. When the first big snow arrived and school was cancelled, everyone in the family joined forces for the creating of luscious yeast glazed and sugar doughnuts. It was no wonder that we all looked forward to a big snow.

It is these kinds of family traditions that just might brighten the winter months ahead. Here are some ideas to get you started;

- a family board game night
- put together a large jigsaw puzzle
- ice skate or build a snow family
- have a picnic supper indoors
- a story night; everyone tells one story
- show slides of summer vacations or growing up
- visit an elderly relative or friend
- have an icicle hunt for the biggest, smallest and fattest icicle
- winter treasure hunt; make a trail in the snow with a surprise at the end of the footprints
- make a pizza pan size chocolate chip cookie or make a winter stew

The Farm Show tradition has come to an end for this year and with it we store many happy memories of this and other years. What other memories will your family recall from winter 1984? Keep the family spirit alive and the family unit intact by planning at lease one new tradition to try this winter.

Don't Reach for the Vitamins

LANCASTER — If you have read any of the articles on diet and cancer prominent in the media lately, you may be tempted to invest heavily in vitamins. But the best way to combat any possible natural dietary carcinogens is to eat a large variety of foods, especially green leafy and yellow vegetables, says Greta C. Vairo, Extension home economist.

Several foods have natural ingredients that might promote cancer. But many other foods contain anticarcinogens — vitamins and minerals such as carotene, vitamin C, vitamin E and selenium — that help our bodies defend themselves against dietary carcinogens.

"Many people don't eat enough fruits and vegetables and don't obtain adequate variety in their diets," Vairo says. To ensure that your diet provides you with an ample supply of natural anticarcinogens, eat two or three servings each week of green leafy or yellow vegetables (for carotene): eat and drink citrus fruits and juices (to provide vitamin C): be certain that your diet contains at least one source of nonhydrogenated vegetable oil each day (for vitamin E). Include whole grain products and legumes in your diet too.

Mrs. Vairo stresses that megadoses of vitamins and minerals are unnecessary and, in the cases of vitamin A, vitamin C, and selenium, can cause unhealthful side effects. Simply eating a variety of foods with natural anticarcinogens will offset the natural carcinogens in other foods you eat Our bodies have evolved ways of handling many natural carcinogens in our food supply.

To avoid some dietary carcinogens, use polyunsaturated fats in moderation, avoid rancid fats and do not eat highly charred meats To keep fats from becoming rancid, store them according to package directions, and buy only the quantities you need for a few weeks at a time.

A Happy Home Recipe

4 cups love	5 spoons hope
2 cups loyalty	2 spoons tenderness
3 cups forgiveness	4 quarts faith
1 cup friendship	1 barrel laughter

Take love and loyalty and mix it thoroughly with faith. Blend it with tenderness, kindness and understanding. Add friendship and hope. Sprinkle abundantly with laughter. Bake it with sunshine and serve daily with generous helpings.

4-H Banquet Scheduled

GERMANSVILLE — The Lehigh County 4-H Swine, Beef and Sheep Clubs will meet for an awards banquet Jan. 28 at the Germansville Fire Hall at 6:30 p.m.

4-H

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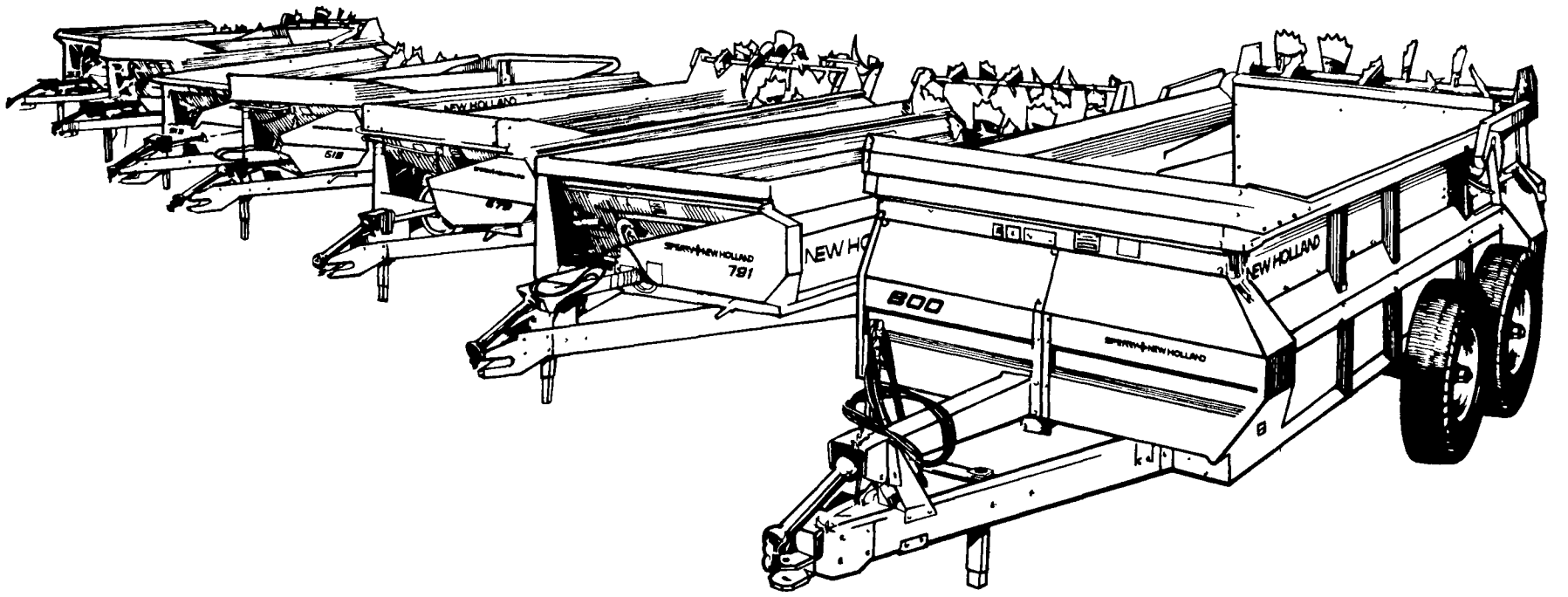

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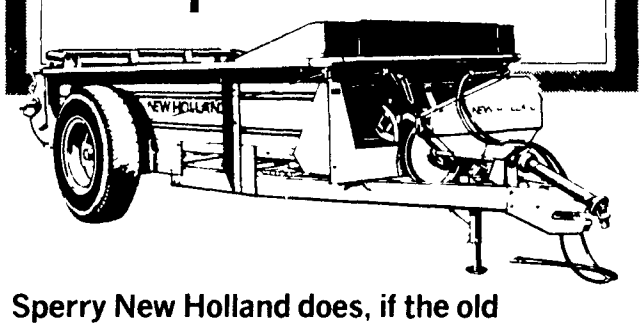

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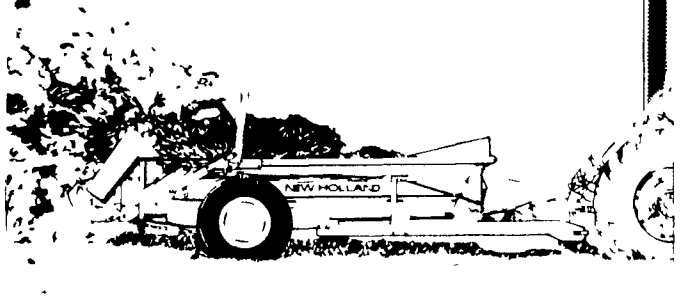

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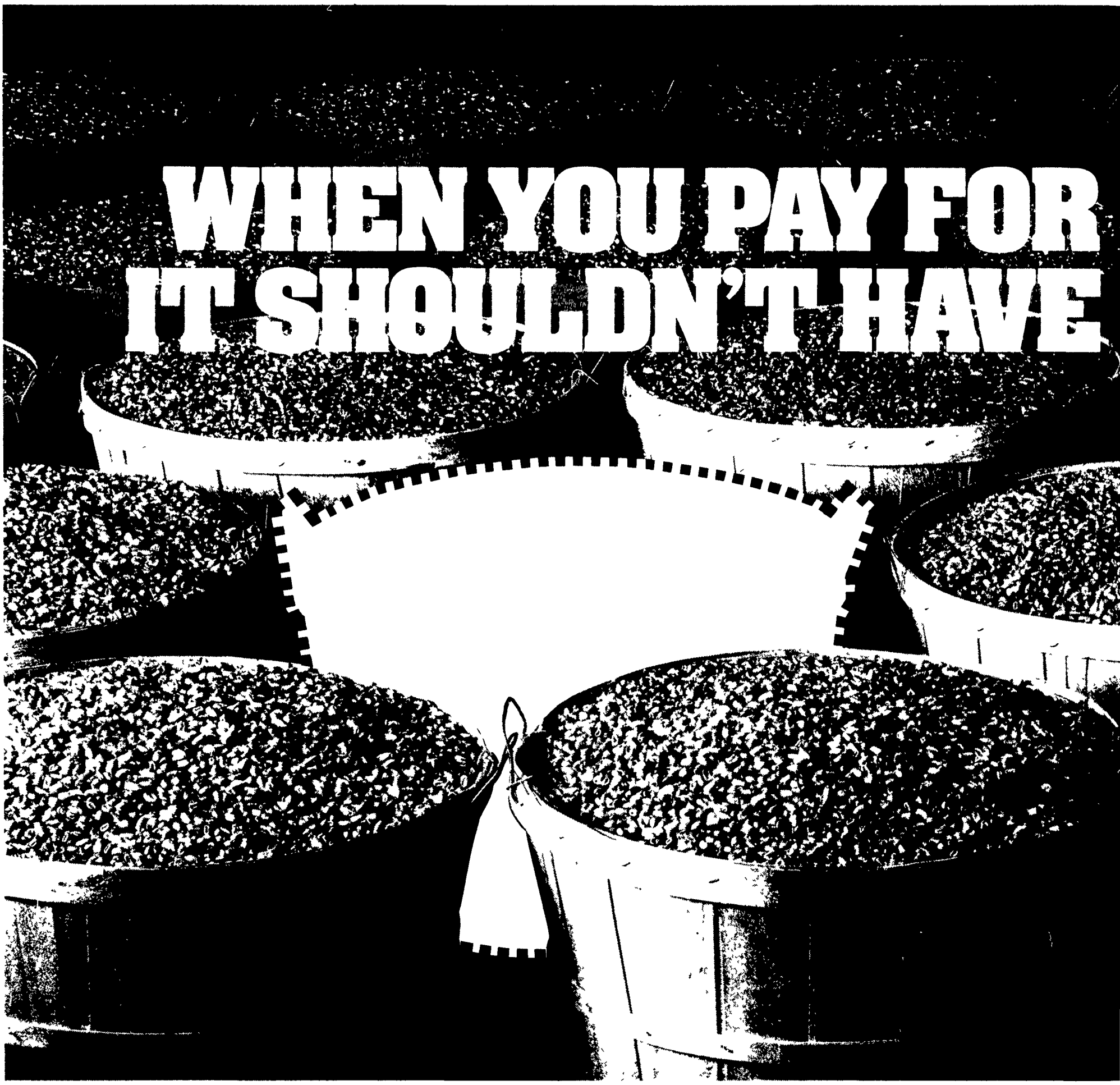

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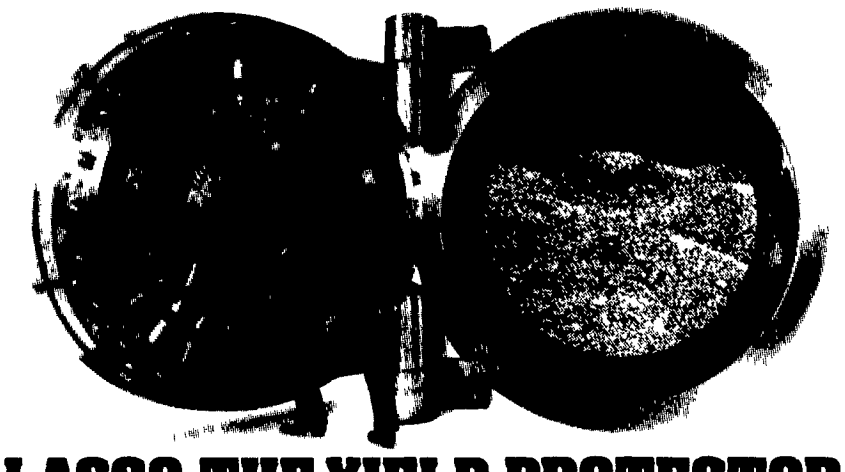

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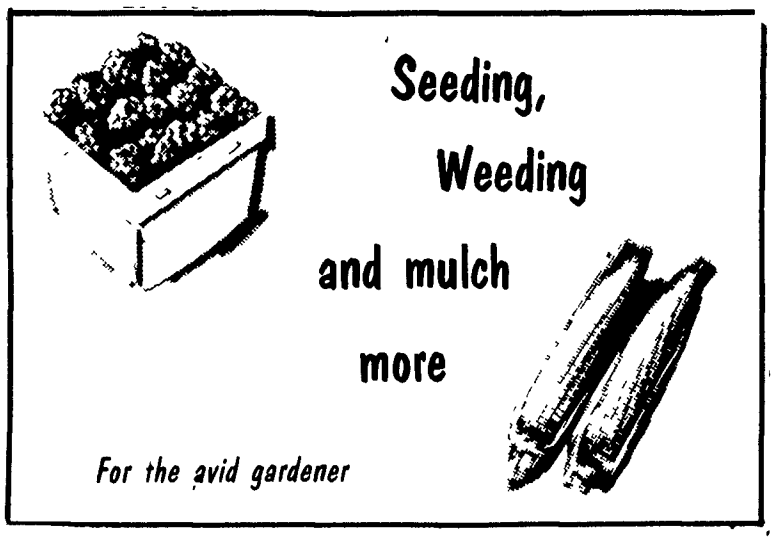


New Seed Catalogs Arrive

The new year has arrived and with it comes the new seed catalogs with their colorful offerings of flowers, trees, shrubs and vegetables. They provide a welcome relief from dreary winter and dull routines. As you thumb through your favorite seed catalog, plot your nest year's garden on paper now while you have the time. This is the arm-chair gardening season, a time to plan your garden.

Review what you grew over the summer. Hopefully you kept a diary with at least weekly entries. All things considered, did you get what you wanted from your garden? The drought did not help anyone, but if you used trickle irrigation (or any irrigation) you may have been a little bit ahead of everyone else. Be sure to add organic matter to the soil for better moisture retention. Think mulch, about two inches, to help soil moisture. Also, disease-free varieties can reduce the use of certain chemical fungicides.

In most cases, weeds must be controlled by hand because no herbicides are labeled for homeowners after planting. Some gardening experts recommend that the vegetable garden should never be out of view of the house. The closer, the better, for this will at least provide a sense of guilt in July when it needs to be weeded. Mulch helps here too. Insect control can be done chemically, biologically, by hand or not at all. Identification is the key to control.

A garden should reflect your interests and preferences. You may want to do your landscaping and vegetable garden plans on graph paper. Keep landscape plantings as natural as possible, today's gardens are informal. They are laid out with soft curved lines. Be sure plants are hardy for this area; check the catalog's map.

In addition to detailed descriptions and colorful illustrations, vegetable seed catalogs frequently have helpful information on varieties, such as number of days to maturity. This will help in planning for an even supply of produce.

This winter there may be a number of successes to look forward to.

Master Gardener Participants Sought

EBENSBURG — This is the second year for the Master Gardener Program in Cambria County If you are a self-made gardener who enjoys working with plants and people, this may be an opportunity to become part of the Master Gardener Program

The main objective of the program is training and horticulture enthusiast who has interest in gardening of all types The program will include basic areas of soils, fertilizers, plant growth and development, pest control and the various cultural aspects of many garden plants and crops

The program is sponsored by the Cooperative Extension Service, including the five 1983 Master Gardeners.

There is no enrollment fee, however requirements are

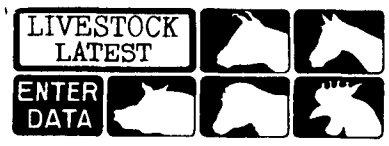
1 Call Ron Hostetler - 472-5440 extension 392 for application forms and a Master Gardener Examination by January 27

2 Complete the application form and test and return it to the Extension Service, Box 390, Ebensburg, PA 15931, before February 10, 1984

3 Have an acceptable score on the test you receive along with your application

4 The only thing expected in return for the training received, will be for the volunteer to return service back to the Extension Service

If you are interested in the program call the Cooperative Extension Service, 472-5440, 344-8500, 535-7511, or 886-8156 extension 392, with your name, address and phone number and an application and test will be sent to you.



USDA puts data on computer

WASHINGTON, D.C. — On Jan. 23, the U.S. Department of Agriculture will begin a pilot project to make foreign crop and market information available electronically.

"This new system will increase public access to timely information on foreign agricultural developments and markets," said Richard Smith, administrator of USDA's Foreign Agriculture Service. The agency collects and analyzes information on more than 125 commodities in more than 100 countries.

Smith said the agency began to improve the timeliness of foreign information collection and reporting during 1981 when the first detailed commodity information was transmitted electronically from London to Washington. Since then, the agency was installed similar high-speed information systems in an additional 21 countries. Foreign commodity reporting using this new system covers 36 countries and 44 percent of the agency's scheduled foreign reporting.

"The new project is a continuation of our mission and commitment to acquire timely foreign crop and market information to help U.S. farmers, processors, distributors and exporters to adjust their operations and practices to meet world conditions," Smith said.

The new system will be available to all people who have equipment compatible with ours. However, the volume and format of information placed on the system is targeted toward individuals and organizations that provide further dissemination of such information to agricultural audiences. Smith said the project will provide the agency with a better understanding of public use of foreign agricultural information.

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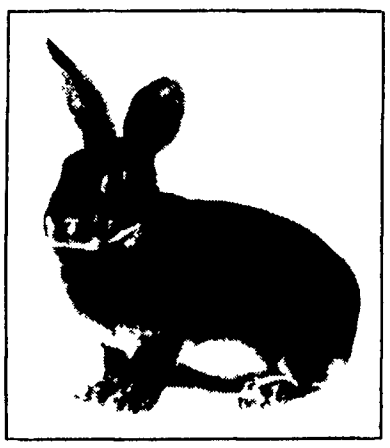

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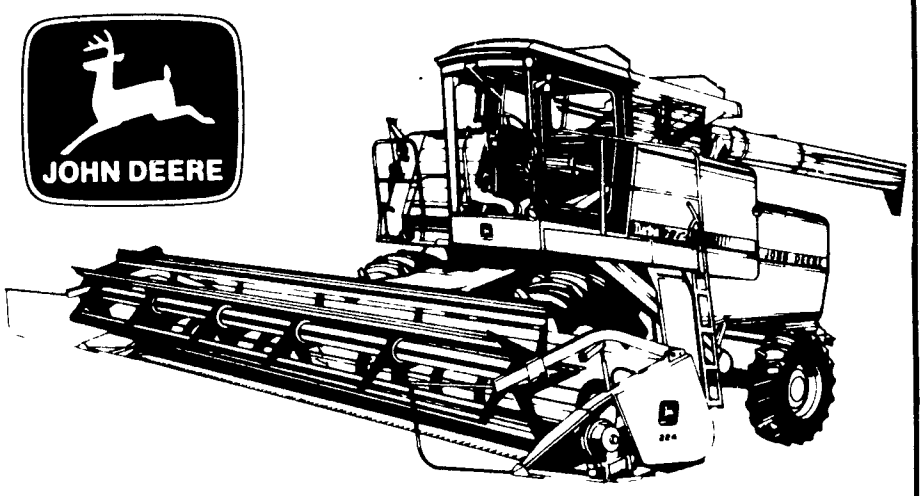

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Seamstresses Win Arizona Trips

GAITHERSBURG, Md. — Two talented Maryland teenage seamstresses parlayed their skills and wool fabric into expense paid trips to Phoenix, Ariz. at the recent Maryland Make It With Wool Contest at Montgomery Mall.

Contestants included 10-year-olds, a grandmother who has been sewing for 45 years, a young man, who made and modeled a classic three piece suit, as well as a school secretary, with five sweater entries, who has been teaching others to knit. Each contestant was required to make and model their entry from wool. Open to all Maryland residents, the competing entries of knitters and sewers came from 10 Maryland counties Awards were presented following a center stage fashion show.

Selected to represent Maryland at the National Make It With Wool Contest will be Junior Contestant; Jody Rice, age 15, a sophomore at Rockville Charles Woodward High School; and Senior Contestant, Ann Hoyniak, age 17, a senior at Eleanor Roosevelt High School in Greenbelt.

Ms. Rice's winning entry was a gray wool flannel, two-piece suit with an asymetrical closing, pleated, tapered sleeves, and flared skirt. A member of the Montrose 4-H Club, she has been sewing for four years. She has represented Montgomery County at the State Fair Fashion Revue and was 4-H Clothing reserve champion at the Montgomery County Fair. She is studying modeling at Cappa Chelle School, Tysons Corner.

Ms. Hoyniak selected a royal blue wool crepe for a fitted blouse that featured a button front closing, 3/4 length sleeves and scoop neck framed by a white collar. The slim dirndl skirt was in matching fabric.

An honor student, planning a pre-med major in college, she has earned champion honors at the Maryland State Fair for her sewing. As a Prince Georges County 4-H'er, she has coordinated fashion shows at state-wide events and for local groups.

Additional results are as follows.

Pre-Teen

First Kristen Williamson Lutherville Second Vicki Campbell Brookeville Third Amy Murrell Rockville

Junior

First Jody Rice Rockville Second Kimberly Karnei Wheaton Third Browyn Benner Hampstead

Senior

First Ann Louise Hoyniak Oxon Hill Second Verne Leininger Deer Park Third Karen Runkles Damascus

Adult

First Dorothy Zollickoffer Westminster Second Lida Goodell Chestertown Third Nancy Russo Bethesda

Fulton Grange 66

Fulton Grange No. 66 held their regular meeting Jan. 9 at 8 p.m at Oakryn with Master, Thomas Galbreath, presiding at the business session. It was announced that Betty Wise would be the representative to take orders for seed corn, garden seeds and binder twine through the Grange.

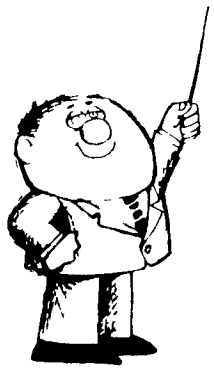
It was also announced that the Lancaster County Pomona Grange will hold a covered dish dinner at Shady Maple followed by a business meeting, memorial service and installation of officers at 7 p.m. Jan. 21.

On Feb. 1 at 7 p.m. the Lancaster County Grange Recognition banquet will be held at Willow Street Restaurant.

Fulton Grange will have a dinner theater at the Grange Hall Feb 4 at 7 p.m

Mrs. Emma Rhoades read "13 Ways To Make January A Better Month." Richard Lefever, Linda Martin, and Betty Wise presented a skit "New Year's Resolution."

The program for the January 23 meeting will feature the Mary Graham Dancers This group of 15 teenagers will do disco and rock and roll dances.



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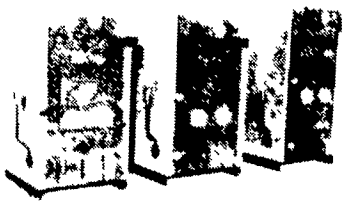

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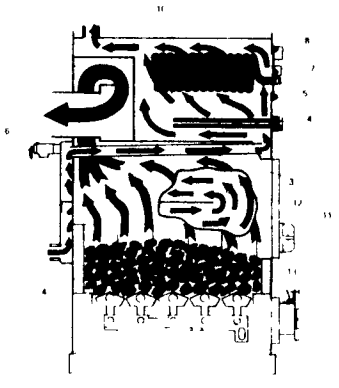

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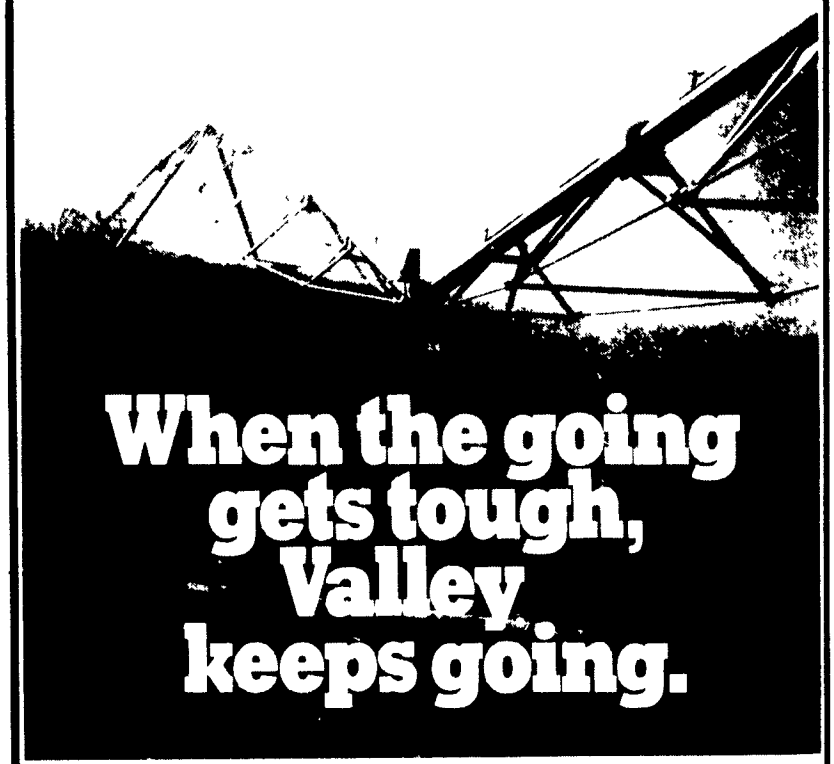

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Energy Edicts

By James W. Garthe

Penn State Ext. ag engineer

Today's techology has made farm tractors so powerful and efficient that they allow a very small percentage of the United States' population to produce enough food for this country and still export many products, says James. W. Garthe, Penn State Extension agricultural engineer.

The tractors that do the most work with the least amount of fuel are turbocharged diesels.

Turbochargers increase power by forcing more air into the cylinders. Exhaust gases that are usually wasted are harnessed and used to spin a turbine at extremely high speeds. This turbine is then used to compress incoming air to make more fit into the cylinders. This added compressed air boosts the volumetric efficiency of the engine and changes the burning characteristics of the fuel-air mixture.

In the past, only high-powered racing cars had turbochargers. The same principles, however, have now been successfully applied to all types of cars, trucks and tractors, says Garthe.

Diesel powered tractors made up an extremely small percentage of farm tractors, but today most tractors on the market are diesel. Diesel engines are 30 percent to 35 percent more efficient than gasoline engines and tractor trailer rigs have been using diesel engines for years. However, they were far less powerful than gasoline engines of the same size.

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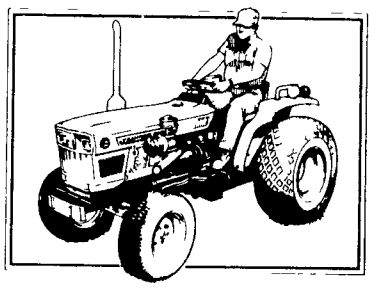

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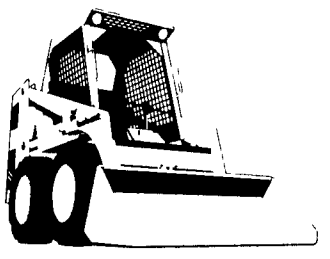

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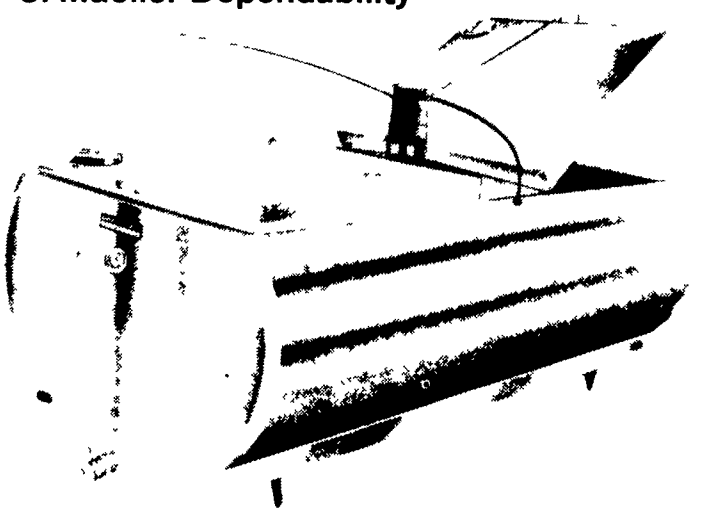

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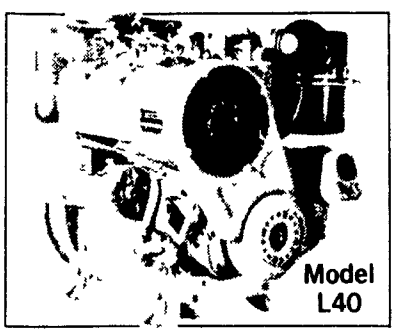

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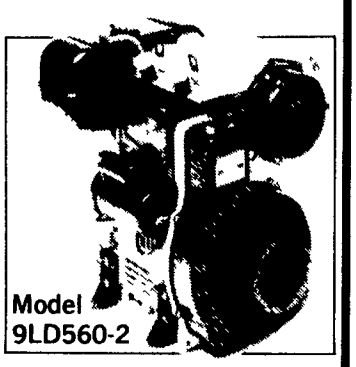

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Food Safety Poster Contest Opened

WASHINGTON, D.C. — The U S Department of Agriculture is mailing teaching kits to elementary schools across the country this week to open the 1984 National Food Safety Poster Contest on "Summertime Food and Fitness."

The contest — an annual event since 1981 — is sponsored by USDA's Food Safety and Inspection Service to teach youngsters how to properly handle and prepare perishable foods, said Secretary of Agriculture John R Block.

The teaching material uses a picnic theme to explain why people must be extra careful to adequately cook and refrigerate food during the hot summer months, when more cases of food poisoning occur. Some 300,000 children were affected by food poisoning illness last year alone.

The kits also emphasize physical fitness for youngsters — a tie-in to USDA's current Food and Fitness Campaign. Children, as well as adults, need to understand good health depends both on safe and wholesome food and on fit bodies, Block said.

"We are strongly committed to consumer education at USDA," said Block "The children's poster contest is really just that — consumer education for the younger generation

"USDA meat and poultry inspection assures that products are safe, wholesome and accurately labeled when they reach the stores, but it's up to consumers to keep them that way," Block said "The poster contest is an excellent vehicle for getting this kind of information to children. First they learn the basic rules of food safety Then they must use those rules to design their posters."

USDA is sending kits to about 72,000 public and private grade schools for the 1984 contest, which runs through March 12 Winners will be announced in May.

First-place winners and their teachers will each win a $200 U S savings bond, plus a trip to Washington, D.C., for the June awards ceremony Parents of the winners also receive the trip. In addition, the winning children's schools will receive $400 for library and audiovisual equipment.

Second-place winners and their teachers will win $100 bonds Third-place winners and their teachers will win $50 bonds

Donors for this year's prizes are the National Broiler Council, the National Pork Producers Council, the American Meat Institute and the National Meat Association

Teachers or principals who have not received the teaching kit by the end of December may request kits from: 1984 National Food Safety Poster Contest, P.O. Box 14313, Dayton, Ohio, 45414.

Del. nurserymen to meet

DOVER, Del. — The Delaware Association of Nurserymen will hold its annual winter meeting Thursday at the Sheraton Inn in Dover. The program will start at 8:30 a.m. and adjourn at 4:30. Registration is $10, payable at the door. The event is being sponsored jointly by the association and the University of Delaware Cooperative Extension Service.

The morning session will feature talks on plant propagation, plantings for city streets (a report on the Newark beautification program), use of computers in the nursery business, and communication.

Following an awards luncheon, the afternoon program will begin at 1:45 with presentations on pruning evergreens, and landscape designs for southern Delaware.

From 3:00 to 4:30 p.m. a special session on pesticide use and applicator recertification will be presented. This part of the program will focus on pesticide safety and insecticides for nursery and landscape use. Individuals who attend this session will earn two recertification credits toward a restricted pesticide applicator's license for turf and ornamental horticulture.

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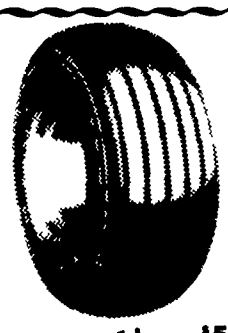
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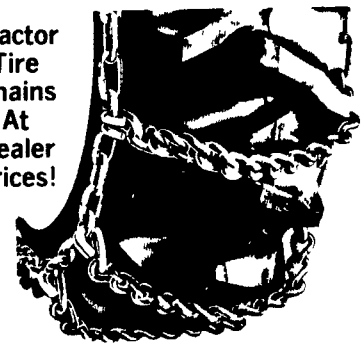
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13.9x36, 6 ply	$185.00
14.9x26, 6 ply	$170.00
14.9x28, 4 ply	$158.00
14.9x38, 6 ply	$224.00
15.5x38, 6 ply	$220.72
16.9x34, 6 ply	$250.00
16.9x38, 6 ply	$275.00
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20.8x34, 6 ply	$450.00
18.4x34, 6 ply	$289.00
18.4x34 8 ply	$325.00
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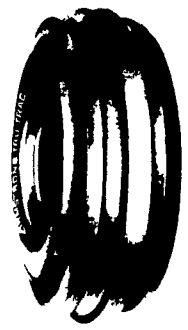
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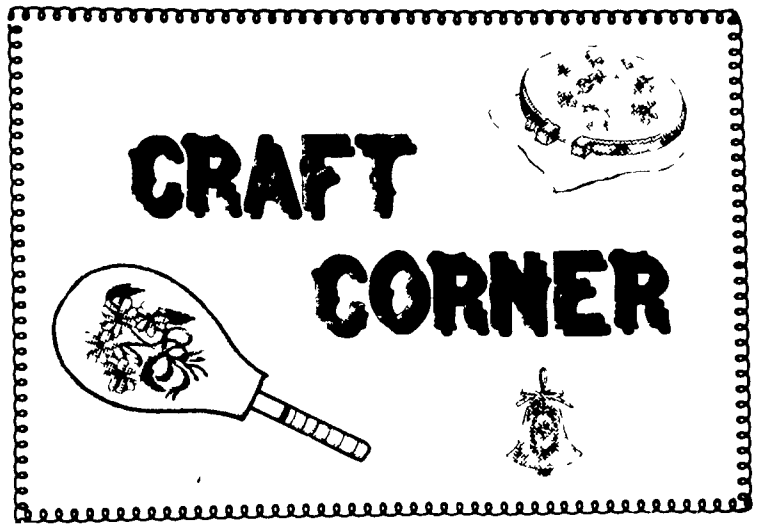

Stenciling and stitchery

As fast as candlewicking is to do, stenciling can help you speed work time even further. By painting a background design on your candlewicking project, you'll have less space to stitch and less time needed for stitchery.

The "Americana Stencil" folkart design, by American artist Charles Wysoki, shows one way to combine stenciling with stitchery. The design, available as a pillow or picture kit through the address below, comes complete with colored threads for stitching the candlewicking details.

In the Americana kit shown, the stencil design is already screen-printed on the fabric. If you wish to stencil your own design on a candlewicking project, however, the technique is easy to learn.

Stenciling, like candlewicking, has its roots in colonial times. In America's early years, craftspeople wandered from town to town, painting floors, furniture and walls in exchange for room and board.

Since they share a colonial heritage, stenciling and candlewicking work naturally well together. With folk art designs, stenciled pictures are especially ideal with candlewicking designs.

Here are directions for stenciling:

MATERIALS: Cotton muslin; acrylic fabric paints and brush; pencil; masking tape; utility knife; illustration board; stencil paper from an arts or craft shop; newspaper.

DRAWING DESIGN: 1. Draw a design on illustration board. 2 Draw spaces between sections of the design. 3. If your design has large shapes, draw "bridges" to divide shapes into sections.

CUTTING STENCIL: 1. Tape stencil paper over design. 2. Carefully cut design from stencil paper. Note: Take care when using utility knife. It is recommended that children and teenagers have parental superivison.

PREPARATION: 1. Pre-shrink fabric and press flat. Note: Do not wash fabric after stenciling. 2. Cover work surface with newspapers. 3. Lay fabric, right side up, on newspapers. 4. Tape stencil onto fabric.

PAINTING: 1. Dip brush in paint, removing as much excess color as possible. Too much paint will run under stencil openings. 2. Apply color through cut-outs by dabbing on paint in a circular motion. 3. To keep stencils as close as possible, hold stencil with free hand as you paint. 4 Hold down skinny bridges with a pencil.:5 Let paint dry before stenciling on a new color

THE "AMERICANA STENCIL" CANDLEWICKING KIT, by "Dimension," makes a 12-by-12 inch pillow or picture. Includes screen-printed cotton muslin with Americana design; enough cotton muslin for pillow back; white and colored candlewicking thread; needle; and easy-to-follow instructions. Kit D-4116 $11 plus $2 postage and handling.

TO ORDER, send kit price (California residents please add 6½ percent sales tax) plus postage and handling to Ellen Appel, your newspaper's name, Box 1144, Laguna Beach, CA 92652.

Public Speaking Winners Named

NEWARK, Del. — Winners have been announced in the state 4-H public speaking contest, held recently in Dover in conjunction with State Grange Youth Night This was the first such contest in more than a decade

Participants were evaluated on subject, supporting information, organization, use of language, delivery and mechanics

In the junior division, Christy Harvey, Camden, age 11, took first place with a fire safety presentation entitled "Stop, Drop and Roll." Elizabeth Jackson, Seaford, 12, took second place with "The Hypnotist."

In the senior division, Amy Messick, 14, Bridgeville, took first place with a talk entitled "Child Beating and Neglect. Sondra Warren, 16, Frederica, won second place with "The Wonka Way." Rebecca Farabaugh, 16, Newark, took third place honors with a talk entitled "Food Processing and Its Development Through the Years."

NEDCO delegates elected

SYRACUSE, N.Y. — Edward A. McNamara, Canajoharie, N.Y., president of Northeast Dairy Cooperative (NEDCO) was re-elected as a member of National Milk Producers Federation's (NMPF) Executive Committee for the coming year at National Milk's 67th annual meeting in San Francisco, Cal. He is also Chairman of NMPF's Young Cooperators Program.

McNamara was one of six NEDCO board members attending the convention. He and Francis Meehan, Rexville, N.Y., NEDCO assistant treasurer, were re-elected directors to National Milk at the Annual Meeting for the coming year.

Re-elected delegates to NMPF for 1984 were Clarence Benson, Lansing, N.Y., and Glenn Brown, Jr., Randolph, N.Y., NEDCO vice president.

Also representing NEDCO at the dairy convention were John Mark, Wayland, N.Y., and Robert Fowler, Galeton, Pa.

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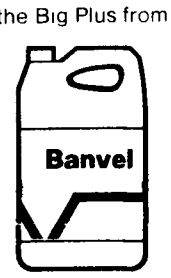

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The Dairy Business

By Newton Bair

Should You Sign Up For DO

It's decision time for the new Federal Dairy Option Program. Every Diaryman, including YOU, should study it carefully before making a decision whether to sign or ignore it completely. Please remember that even if you decide to ignore it, you will nevertheless be affected by the success or failure of the program Nationwide. You will be making a committment either way.

What Information Do You Need?

1. Obtain copies of your monthly milk statements for the calendar years 1981 and 1982.

2. List them month by month on the work sheet obtained from A.S.C.S. List the butterfat percent for each month, and calculate a weighted average fat percent for the two years. Here is the formula for one month:

$$\frac{(\text{Jan. '81 lb. milk} \times \% \text{ fat}) + (\text{Jan. '82 lb. milk} \times \% \text{ fat})}{(\text{Jan. '81 milk} + \text{Jan. '82 milk})}$$

1981		1982	
#Milk	%Fat	#Milk	%Fat
4500	3.4	5500	3.1

For example:

$$\frac{(4500 \times .034) + (5500 \times .032)}{\text{divide by } (4500 + 5500)}$$

(convert % to decimal) = .0323 % weighted average for January.

This must be repeated for each month in order to establish your base.

A.S.C.S. will require the weighted average butterfat for each Quarter of your base year, as well as the actual production for the base year. Your base production will be the higher of 1982 milk or the average of 1981 and 1982.

3. You will also need to list your plan to cull or sell the cattle (over six months old) during the 15 months of the contract period. Obviously, you can't reduce your herd all at once. but you should have a plan for reducing the number of producing cows so that you can stay within the contracted production level.

4. Decide the amount of reduction that will be most advantageous to you. Many hdersmen will find their highest total return by selecting the highest percentage contract reduction, or 30 %. However, to be on the safe side and avoid the penalty for exceeding 30%, don't contract to reduce your base production more than about 27%. You are allowed a tolerance of 3% above or below your contracted base.

The only way to decide how much to reduce production is to use some kind of work sheet, so you can see the financial effects of your decision. That means a lot of pencil pushing, but it will be time and effort well spent.

Benefits Of The Program

Reduced costs: (Herd of 50 cows, reduced base by 23%).

1. Cost to keep cow 15 months, $1400 x number culled.

Increased income:

2. Income from sale of culls.
3. Sale of excess feed and forage.
4. Reduced labor.
5. Diversion payments ($10.00 per hundredweight for the milk not produced.
6. Interest income from invested money.

A test run on the computer, using the worksheet published by Doan's Agricultural Service, shows that one dairy of 50 cows with a herd average of 17600 lb., culled 20 cows over a 15 month period (average of only 190 cow months because they were not all culled at once). Reduced production is 23% of base. His reduced costs will be about $16800, and increased income will be $50950.

He will have reduced income of about $30927, leaving a total benefit of in excess of $20,000.00.

The big decision of course, centers around what will happen after 15 months. Will you continue at the reduced production level, come back to the present level, or go above the 1983 level? And how will you come back? Will you raise heifers, buy cows, or both?

Use a Computer

There are several computer programs in the hands of competent people that can help you make a wise decision. Don't give up without trying to estimate the effects on your operation. We all hope that the "other fellow" will cut back enough so that we don't have to. You may be missing some benefits by not giving it a try

Drug workshops planned

UNIVERSITY PARK — Two workshops will be held to update ag business personnel on the legal, economic and public health concerns of drug residues in meat, milk and eggs.

The sessions are open to feed company personnel, animal health product distributors, ag business professionals, and any point-of-sale person who is handling animal health products, medicated feeds or farm chemicals.

The first workshop is planned Feb. 16 from 9 a.m. to noon at the Sheraton Inn, State College. This meeting immediately precedes the Penn State Dairy Herd Management Conference Feb. 16 and 17.

The second is March 9 from 1 - 4 p.m. at the Lancaster Farm and Home Center.

The program includes topics such as: Residue situation in Pennsylvania, What are the rules (and laws)? Why withdrawl times? Economics of residue violations, Tests for residues, Prescription vs. over-the-counter drugs, Responsible drug salesmanship, and materials for producers and agribusiness.

Cole crops to be topic

DOVER, Del. — Arthur Loughton, horticulturist at the Agriculture Canada Experiment Station in Simcoe, Ontario, and an internationally recognized authority on cole crops, will be a major speaker at the sixth annual Delaware Vegetable Growers' meeting, Tuesday and Wednesday at the Sheraton Inn in Dover.

Loughton's specialty is variety selection and production of broccoli, cauliflower, brussels sprouts and cabbage. "With Delaware growers showing increasing interest in these crops, the information he will present should be most timely," says University of Delaware extension vegetable specialist Ed Kee. "It is interesting to note that consumer interest in these crops is also on the rise for both the fresh and processed products. Other parts of the country also are producing more cole crops."

In addition to his formal presentation on Tuesday, Loughton will participate in an informal breakfast meeting on Wednesday to give growers further opportunity to discuss new developments in cole crops.

For more information regarding the overall program for the two-day event, contact county extension offices in Newark, Dover or Georgetown, or call Ed Kee at 856-5250.

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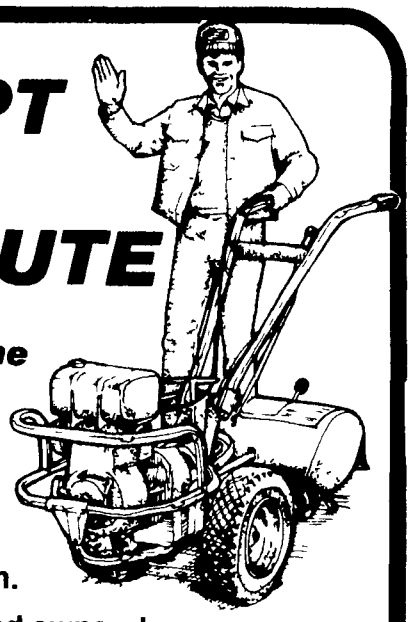

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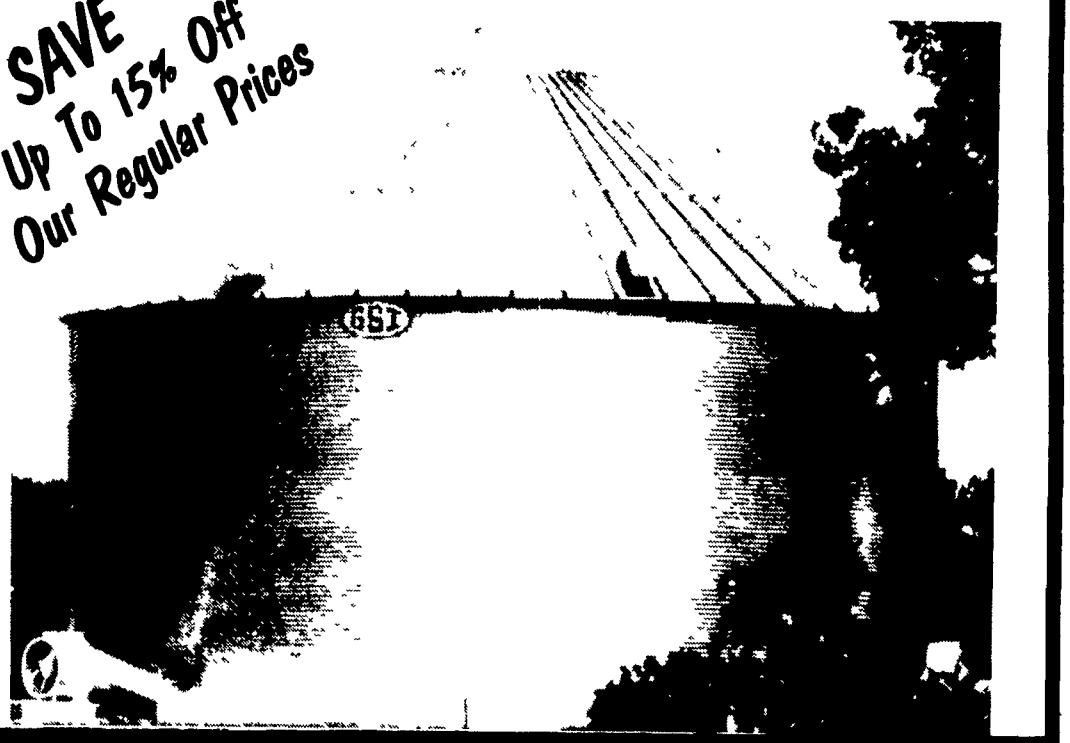

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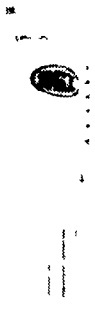

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MILK MARKET NEWS

Order No. 4 Base Milk Price $13.76 For December

ALEXANDRIA, Va. — Middle Atlantic Order Market Administrator Joseph D. Shine, January 10, announced a December 1983 base milk price of $13.76 per hundredweight and an excess milk price of $12.05. The December weighted average price was $13.74 and the butterfat differential for the month was 16.5 cents. The base milk price was down 18 cents from November and the excess milk price dropped 45 cents. The weighted average market price was 22 cents lower than November and down 25 cents from last December.

The advertising withholding rate, which is deducted from the base and excess milk prices but not the weighted average price, was 14 cents a hundredweight and the amount withheld totaled $719.9 thousand. The gross value of producer milk during December was $70.5 million compared with $72.7 million a year ago.

Shine said that producer milk receipts totaled 514.2 million pounds during December, a drop of 6 1 million pounds or 1.2 percent from a year earlier. This is the first month that Order 4 milk production has been below the previous year since April 1982. Class I producer milk totaled 250.9 million pounds and was down only slightly from last December The Class I utilization percentage was 48.80 compared to 48.31 in December 1982. Base milk accounted for 90.94 percent of total December production compared with 89.14 percent last year. There were 6,981 producers supplying pool handlers in December, 25 more than in November but down 247 from a year ago. The average daily delivery per producer was 2,376 pounds for the month, 54 pounds or 2.3 percent above December 1982. The average butterfat test of producer milk was 3.87 percent in December 1983 and 3.78 last year.

Middle Atlantic order pool handlers reported Class I in-area milk disposition of 213.9 million pounds during December, an increase of almost one percent from a year ago, after adjustment to eliminate variation due to calendar composition.

In 1983 a total of 6 14 billion pounds of producer milk was pooled under Order 4, almost 97 million pounds or 1.6 percent more than during the previous year. The gross value of this milk was $849 million in 1983, up from $832 million in 1982. A total of $8.6 million was deducted for advertising and promotion during the year compared with $8.5 million in 1982. The average daily delivery per producer was 2,392 pounds in 1983, an increase of 82 pounds or over 3.5 percent from the 1982 average. The volume of Class I producer milk totaled 2.9 billion pounds in 1983 and increased almost 93 million pounds from a year earlier. The Class I utilization percentage averaged 46.98 during the past year compared to 46.20 in 1982.

The Order 4 base milk price averaged $13.86 per hundredweight during 1983 compared with $13.81 a year earlier while the average excess milk price was $12.38 in 1983 and $12.37 in 1982. The weighted average price in 1983 was $13.85 or 5 cents higher than the previous year's average.

Class I milk disposition in the Middle Atlantic marketing area by Order 4 pool handlers totaled 2 4 billion pounds during the past year, an increase of over 40 million pounds or 1.8 percent form 1982.

NY - NJ December Milk collects $13.07

NEW YORK — Dairy farmers who supplied milk plants regulated under the New York-New Jersey marketing orders during December will be paid on the basis of a uniform price of $13.07 per hundredweight (28.1 cents per quart). Market Administrator Thomas A. Wilson also stated that the price was marketwide weighted average of the value of farm milk used for fluid and manufactured dairy products.

The seasonal incentive plan does not affect the uniform price for the month of December.

A total of 17,135 dairy farmers supplied the New York-New Jersey Milk Marketing Area with 956,620,683 pounds of milk during December 1983. This was an increase of 3.8 percent (about 35 million pounds) from last year. The gross value to dairy farmers for milk deliveries was $128,959,988.26. This included differentials required to be paid to dairy farmers but not voluntary premiums or deductions authorized by the farmer.

Regulated milk dealers (handlers) used 393,575,932 pounds of milk for Class I, 41.1 percent of the total. This milk is used for fluid milk products such as homogenized, flavored, low test and skim milks. For December 1983, handlers paid $14.77 per hundredweight (31.8 cents per quart) for Class I milk compared with $14.81 a year ago.

The balance (563,044,751 pounds or 58.9 percent) was used to manufacture Class II products including butter, cheese, ice cream and yogurt. Handlers paid $12.17 per hundredweight for this milk.

The uniform price is based on milk containing 3.5 percent butterfat. For December 1983, there was a price differential of 16.5 cents for each one-tenth of one percent that the milk tested above or below the 3.5 percent standard.

All prices quoted are for bulk tank milk received within the 201-210 mile zone from New York City.

Inventory Reduction

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Tree seedling deadline

CHAMBERSBURG — January 27 is the last day to order tree seedlings from the Franklin County Conservation District

Species available this year are Scotch pine, Austrian pine, white pine, red pine, Norway spruce, Colorado blue spruce, Canadian Hemlock, Chinese chestnut, sugar maple, red maple, and American arborvitae We are also offering crownvetch this year

Seedlings come from a state certified nursery. Seedings can be purchased in multiple lots of 5 with a minimum order of 5 seedlings There is no use restrictions on these.

The seedlings are expected to arrive the middle of April Those ordering seedlings will be notified of the dates and pickup areas

Order forms can be obtained by calling the Franklin County Conservation District office at 264-8074 or by stopping by their office at 550 Cleveland Avenue, Chambersburg

Wayne agent takes leave

HONESDALE — Extension director John Creighton has announced that Agriculture and 4-H Agent Tom Callahan will be taking a leave of absence from his position at the Wayne County Extension Office for a period of one year The agent plans to work on his Master of Science degree in Horticulture at Penn State

Callahan's work will involve inducing strawberry plants to bear in the greenhouse during the off-season with alternative lighting The study, partially funded by Ben Franklin Contract, will hopefully provide Pennsylvania fruit producers a market and attractive sources of income during the Thanksgiving and Christmas season The small fruit market is established, could compete with Florida and California crops Callahan plans to return in January, 1985

Biotin deficiency showing up in swine

NEWARK, Del. — Nearly 40 years ago a group of researchers fed raw egg white to growing pigs. Signs of a nutrient deficiency quickly followed, including dry scaly skin, hair loss, foot lesions and depressed growth. That experiment was the first ever to produce signs of a deficiency of biotin, an essential vitamin, says University of Delaware extension livestock specialist Ken Kephart.

Since that time, however, few nutritionists have advocated the use of supplemental biotin in swine rations. Why? First, biotin is found in almost every feedstuff imaginable, Kephart says. And secondly, microflora in the lower gut of the pig synthesize significant amounts of this vitamin. So a biotin deficiency would seem unlikely.

During the mid-1970s, however, severa cases of what appeared to be biotin deficiency were reported. "These cases occurred in modern production systems and supplementary biotin usually reversed the symptons. That made a strong case for biotin and also got the research ball rolling again," the specialist says.

What does biotin do? It plays a key role in the metabolism of carbohydrates, fats and proteins. "Research with many swine species shows that this vitamin is essential in the maintenance of skin, hair, foot pads, the reproductive system and the thyroid glands," Kephart says.

"An early warning ob biotin deficiency is scaly skin or dermatitis, followed by loss of hair," he adds. "One field trial conducted by Hoffman LaRoche also showed that oil skin lesions may be associated with a biotin deficiency. Additional symptoms include cracked hooves, retarded growth, impaired feed conversion, poor reproductive rates and spasms of the hind legs."

Why do biotin deficiencies occur? The following are possible reasons, according to Kephart.

—Although biotin is widespread among feedstuffs, its concentration varies considerable. From batch to batch, feed may contain insufficient or excessive amounts.

—Availability in feedstuffs varies, too. For example, biotin in wheat (which is already low in this vitamin) may at times be totally unavailable to the pig.

—Regular use of antibiotics may reduce biosynthesis of biotin in the digestive tract.

—Increased confinement rearing of pigs reduces their exposure to feces, a possible source of biotin.

—Less biotin-rich feedstuffs, such as alfalfa or distillers solubles, are used today, leading to a lower concentration in rations.

How much biotin should a swine diet contain? "We really don't know," the specialist says. "The National Research Council suggests a requirement of 91 milligrams per ton of feed. Most corn-soy diets will contain from 90 to 125 mg/ton. But research conducted by Ken Bryant and E. T. Kornegay at Virginia Polytechnic Institute indicates that this level is not sufficient for optimal performance."

Their work shows that by adding 200 milligrams of biotin per ton of feed, hoof integrity will be improved during growth. And adding 400 milligrams per ton during the reproductive phase decreased the weaning-to-breeding interval from 14.5 to 10.2 days.

Results of other studies vary, but some research indicates that when biotin is added to gestation rations, sows farrow more live pigs, especially in their second, third and fourth litters.

"Suppose your sow herd shows signs of hair loss or foot problems," Kephart says. "Or perhaps their reproductive rate isn't what is should be. That doesn't necessarily mean thay're got a biotin deficiency. But it might be a good idea to check their ration. Studies show ,that for optimal performance, a ration whould contain 400 to 500 milligrams of supplementary biotin per ton. If the extra biotin isn't already there, adding it will cost about $2.25 per ton of feed. That amounts to only half a cent per sow per day."

Reserve corn status

WASHINGTON, D.C. — All corn in the farmer-owned grain reserve will remain in release status through Jan. 31, according to Everett Rank, administrator of the U.S. Department of Agriculture's Agricultural Stabilization and Conservation Service.

Rank said the decision on the reserve corn was made following a review by USDA's Commodity Credit Corporation of its average market prices Jan. 3, as reported by USDA's Agricultural Marketing Service, adjusted to reflect the market price received by farmers.

On Jan. 3, the adjusted price for corn was $3.26 per bushel, 11 cents above the release level of $3.15 for reserve IV corn, and 1 cent above the release level of $3.25 for reserve V corn.

Daily markets reviewed by CCC for corn are Kansas City, Minneapolis, Omaha and St. Louis.

For reserve IV corn loans, storage payments will remain stopped and interest will continue to accrue. For reserve V corn loans, storage payments stopped and interest resumed on Jan. 1.

Alger re-elected MMI pres.

STRONGSVILLE — Norman D. Alger, Mantua, OH was re-elected president of Milk Marketing Inc. (MMI) and four new board members were seated at the board of directors' meeting held here January 5. Ten other board members were re-elected to the 25-man board.

Alger is an active dairy producer in Portage County and has been leader of the regional dairy marketing cooperative since January 1980.

Joining Alger on the officers' roster are: First Vice President Herman Brubaker, West Alexandria, OH; Second Vice President Roland E. Higgins, Sunbury, OH; Secretary Duncan LeCompte, Shelbyville, KY; and Treasurer Carl I. Johnston, Waynesburg, PA.

Officers serve a one-year term and board members are elected — via mail ballots from the membership — to serve two-year terms. All board members must be active dairy farmers.

Newly elected board members include: Clarence Conrad, Grafton, OH; Phillip L. Hart, Clayton, MI; Harvey Schmiesing, Ft. Loramie, OH; and Kenneth Stromski, Jewett, OH.

Also re-elected to the MMI board were: Norman D. Alger, Mantua, OH; Roland Higgins, Sunbury, OH; Ralph Baumgardner, New Carlisle, OH; Lawrence Dean, Wilmington, OH; Calvin M. Henry, Wattsburg, PA; Ronnie Monahon, Germantown, KY; Urban Seger, Minster, OH; J. William Shultz, Berlin, PA; Leon Tiggip, Bainbridge, IN; and Galen Yoder, Ligonier, IN.

MMI is a 9,500 member dairy farmer owned cooperative encompassing an eight state midwestern area including Ohio, Indiana, Pennsylvania, Michigan, New York, Kentucky, Maryland and West Virginia. Last year MMI marketed more than 4.7 billion pounds or 549 million gallons of milk.

MAILBOX MARKET

For Sale Reg polled Herefords, several open heifers 1 bull left trustee seed stock Wayne Co 717 689 2158

For Sale 2% ton 6x6 Reo Army truck steel cab new tires, cargo body $2500 Warren Co NJ 201 362 9521 after 7 p m

For Sale 6 calf hutches Reg bull calf 2 mos old, Elevation Son Centre Co 814 349 8010

For Sale 4 unit DeLaval rotary milker pump 5 yrs old & 5 btm trip MF plow Berks Co 215 285 6525

For Sale Top buggy w/rubber & hyd brakes in good cond $850 Lanc Co 717 354 6791

For Sale JD 2640 70 HP, 650 hrs 15 5 38 6 ply tires Hi Lo trans & eng heater Montg Co 215 584 5168

For Sale Package bees 2, 3 & 4 lb packages avail April 14 Dauphin Co 717 896 8637 after 4 p m

For Sale 2½ hp Lansing gas engine runs good 1939 JD model B' Dauphin Co 717 692 2493

For Sale Bred reg Suffolk ewes from show flock sired by Nelsh's outstanding son of Vegas (the $90,000 ram) 215 262 4176

Wanted JD 520 or 530 3020 or 4020 diesel & 479 or 489 NH haybine Leb Co 717 949 3704

For Sale Columbia 2 speed rear w/all controls, fits 1930 & 40's Ford & Lincoln model T, 2 speed rear 215 326 6753

Wanted 40 used chain tie cow stalls will take out Write Box 242, New Providence, Pa Lancaster Co 17560

For Sale Kodiak woodstove insert w/blower & deflector heats 2 000 sq ft barely used asking $400 Berks Co 215 926 1089

For Sale 2 Laramie mud & snow tires 800x16 5 8 ply rating like new $100 York Co 717 993 2951

For Sale Zook manure spreader good cond $950 Christ B Hershberger 228A Hoover Rd Kinzers RD1 Pa 17535 Lanc Co

For Sale AKC Siberian Husky pups reds or blacks Daniel Miller 2822B Stumptown Rd Bird in Hand Pa 17505

For Sale 24' iron but chering kettle $130 Jacob S Stoltzfus Prawls Hollow Rd Peach Bottom Pa 17563

For Sale JD LA tractor & cultivator $1000 Ben Franklin stove $50 Miniature mule geldings drives & works $375 717 548 2286

For Sale 1950 Chevy sedan ready to restore, not running, asking $800 Montg Co 215 234 9379

For Sale Good 22' diamond plate, steel truck bed $900, engine block for SM or 400 Farmall $225 Bradford Co 717 364 5318

For Sale 2 yr Suffolk ram, 10 mo black ram, 8 mo Dorset Suffolk cross ram $75 ea 215 822 1639

Wanted 3 16" IHC 2 way plow (preffer fast hitch) will buy or trade 2 16" 2 way plow Mercer Co 412 646 4691

For Sale 11' JD KBA transport disc $2200 4 sows, 1 boar, feeder pigs, JD 1209 mower, $3500 301 592-6485

For Sale Truck, 1955 Ford F350 V 8, 4 speed, 16 5 tires 6'x8' steel bed w/wrecker $1500/best offer 717 652 1796

For Sale 12' IH lever harrow No 401 w/shovels, good cond $250 can deliver York Co 717 235 2032

For Sale Elec motors, 3 phase, 220 440 volt, 15 hp, 40 hp & 50 hp Schuylkill Co 717 695 2571

For Sale 50 ton good quality orchard & timothy mixed hay, no rain, $95 ton, can deliver, Sch Co 717 345 4489

For Sale Cleaned med red clover seed $55/bu Carbon Co 717 386 5194

For Sale Reg female Pit Bull parents on premises ears cropped all shots, 3 mos old Lycoming Co 717 326 1605

For Sale Hill hitch hand lever, complete to fit MH 101S $20 Lehigh Co 215 767 3757

Wanted Ford 8N or Ferguson 30 tractor & walk in cooler For Sale Rat Terrier puppies Queen Anne's Co 301 778 1919

For Sale Reg Jersey 2nd calf due Feb 1, Berks Co 215 856 7331

For Sale 2 Eureka cleaners, 2 SP Waldron mixers, 30' vertical auger, drive wheels shafts & belts, Carroll Co 301 756 6454

For Sale 2 12 ton forage wagons exc cond 1957 Chev Bel Air exc cond Huntingdon Co 814 632 5781 eves

For Sale Construction tampers rebuilt, exc cond $600 or $1100 for both Jack hammer points (new) $15 each Dauphin Co 717 566 0370

For Sale 2 200 gal saddle tanks, universal mount carrying frame, centrifugal pump, nozzles & hoses Berks Co 215 562 8878

For Sale Ferguson TO 30 tractor w/Wagner loader, 3 pt hitch & rotary mower $2300/best offer Montg Co 215 489 3527

Wanted Rusted tin painted red, must be in flat ribbed (not corrugated) sheets Berks/Chester Co 215 369 1210 eves

For Sale 1978 Olds Delta 88 station wagon very good cond $2600 74 Int'l tractor w/loader #574 $5000 717 943 2655

For Sale 800 gal vac fill honey wagon 1 row Int potato digger mower snow blower & blade Schuylkill Co 717 648 9022

For Sale JD 45 combine w/cab 12' platform 235 corn head 2200 hrs exc cond $5500 Montg Co 215 754 7188

For Sale Ford 4000 Industrial w/heavy bor der 717 432 2740 after 6 p m

Wanted Pedal tractors JD A JD 730 JD 10 4 holes Allen Z Martin RD#3 Glenwood Dr Ephrata, Pa 17522

Wanted Narrow or wide corn head for JD 38 35 3800 or 3940 harvester Joe H Zimmerman, RD1, Leola, Pa 17540

For Sale 20 Simmental cows, JD 326 baler w/motor Int 35 rolobar rake Juniata Co Jacob Lapp, RD2, Mifflintown Pa 17059

For Sale New Oswalt 1830 portable TMR mixer w/scales, used 9 mos best offer Leb Co 717 866 6081 after 6 p m

For Sale 1967 Ford pickup, runs, not in spected, $250 Berks Co 717 933 5368

For Sale Lab German Shep mix pups, 6 wks old all black, $3 ea 6 left, Oley Berks Co 215 779 5605

For Sale 60hp Deutz exc good rubber economical, 1380 hrs, must sell $7800 Bedford Co 814 623 1831 after 7 30 p m

For Sale Round hog feeder 4,000 lbs capacity $100, corn fed Muscovy ducks 600x16x6 ply tires $15 ea 301 756 2087

For Sale Black Percheron stud colt, born 6 28 1983, $325 John A Mast, R1, Box 58A Wyoming, Del 19934

For Sale Farm trailer, 2 wheel, 8' wide x 9' long, $95 Electric fencer, 6 volt battery type, as is $10 York Co 717 432 5731

For Sale New 8 ton wagon gears w/8" wheels $440 Lanc Co 717 354 0595

For Sale Used snow blower & snow blade for cub cadet tractor, JD 210 tractor & mower Berks Co 215 683 3154

For Sale Used Speed Queen wringer washer Elizabethtown, Pa 717 367 3882

For Sale JD 14' transport disc needs work $450 JD disc for M JD like new $400 York Co 717 292 4416

For Sale 12 ton feed bin, NI manure spreader 717 665 3133

Notice Order now cauliflower cabbage, broccoli & pepper plants by the 1000's for spring planting Lanc Co 215 445 5046

For Sale 79 Chevy automatic, 400 engine 4x4 donley 30,000 miles w/Donahue 3 axle trailer 17' alum dump exc 301 357 4281

Wanted Cement mixer w/electric motor in good cond 215 932 9762

For Sale 2 family cows, 1 fresh, 1 springer, 1 holstein stock bull Lanc Co 717 354 7866

Wanted 38" tires w/rim to fit 3020 JD, also front wheels Lanc Co 717 354 8933

For Sale Diamond plate ¼"x3'x4', 3/16"x4" square tubing steel 15 cents/lb Wash Md 301 824 7240 no Sunday calls

For Sale JD 2240 4 wheel drive 50 hp 800 hrs w/143 loader, in real good condition 717 665 3920

For Sale NH tank spreader model 3368 A 1 shape Harvestor forage scales A 1 shape house shetters 16x68 Franklin Co 717 352 2266

For Sale AKC St Bernard pups 6 wks old David F Beiler 229 N Hollander Rd Gordonville Pa 17529 Lanc Co

For Sale Oliver 770 gas tractor good cond 970 Case diesel late 1976 model 215 445 5796

For Sale AC model C tractor good cond $650 3 pt hitch for 2 cyl JD tractors $250 Montg Co 215 679 7763

For Sale Fox 546 harvester w/hay pickup harvester ready for the field $275 /best offer Lanc Co 717 733 8528

For Sale NI 402 hay rake $775 Ford 3 pt cultivator $175 NI 750 hay crimper $175 JD 11' disharrow $895 717 354 0266

For Sale Standardbred carriage horse, 10 yr old 1 Quarterhorse, 6 yr old 215 857 3407, 5 p m 8 p m

For Sale 5 yr old good sized Standardbred carriage horse Elam K Beiler, RD 6, Box 353, Coatesville, Pa 19320

For Sale 32 Holstein cows, by Sire Power bulls, a complete dairy, home raised & reas priced, Susquehanna Co 717 698 6597

For Sale 1967 Int 400, 34000 rears, 10 speed w/Stoltzfus lime & fert, spreader equip w/air lift booms & trailer hitch 215 593 5961

For Sale Holstein bull service age $425 Single & double trees, Jacob King, 1 mi E of Quarryville

For Sale 4 new wall mtd hot water radiators w/valves 16"x48", new single row potato digger web chain 20½" 717 528 4914

Wanted 90 100 hp power unit w/gear reduction for 1000 rpm or 540 Leb Co 717 865 2529

For Sale Vineland egg grader 18 20 cases per hour w/Kuhl washer, vacuum lift & pump included 717 626 4240

For Sale 8' V snowplow $225 Juniata Co 717 436 2255

For Sale 3 pt wood splitter w/8"x24" heavy duty cyl will also sell cyl seperate Lanc Co 215 445 6483

MAILBOX MARKET

For Sale 3 greenhouses each 100'x75', Furnace and oil tanks included You take down make offer York Co , 717 757 2335

Wanted Electric trains Lionel Ives and American Flyer Condition Not Important Call Collect Lanc Co , 717 898-6166

For Sale Burpee Can taloupe seed, star headliner, Potting soil inserts, Martin M Sauder RD 2 Box 20 East Earl, Pa 17519

For Sale 32x96 tobacco shed good metal roof, 3x5 rails dismantle anytime No reasonable offer refused Easy to load 215 445 6453

Wanted A good radiator for M C , I H , W D tractor Elam S Stoltzfus RD1 Tanyard Rd Conestoga, Pa 17516

For Sale I H 3 pt 2 row cultivater, Massey Rolabar Rake, Papec Hammer Mill, Columbian Range w/waterfront, Lanc Co , 717 354 9346

For Sale Fresh Registered Holstein cow milking over 100, her 3 yr old Cavlier daughter due in April 717 442 4842 Lanc Co

For Sale Kuhn 7' Disc Mower on wheels w/engine mount and tounge Aaron B Beiler Box 195 Paradise Pa 17562

For Sale Large hi way type V snowplow Also 2 Milk o Meters, 717 548 2877 Lanc Co

For Sale New Perfection tabletop 5 burner oil cookstove Eli Byler RD, 5AW, White Oak Rd Paradise, Pa 17562

For Sale Amish buggy paint job, new uphol and gumdelcenket, Nichel Coach Shop, Christian R Petersheim, Box 114, Christiana, Pa 17509

For Sale N I Crimper model 750, and Grain Auger 6" dia x 24' Transport Type, $165 Each, Lanc Co , 717 626 5438

Notice Order your Veg plants for spring planting, Cauliflower, cabbage, Broccoli etc $60 00 and $65 00 per 1000 Lanc Co , 717 656 8916

For Sale NI 12A Manure spreader, 3 pt Blade 6', JD 999 corn Planter 3 pt York Co 717 235 5701

For Sale NY farm over 80 tillable acres, 4 bedroom, coops dairy & horse barns, lake 607 962 1403 eves 607 458 5414 days

For Sale ½ clover, ½ timothy seed mix bought for 1983 PIK ground exc cond 90 cents/lb 301 948 5072 9 00 5 00

For Sale Nubian goats1 purebred buck spotted doe bred for March several doelings ready for breeding, Berks Lehigh Co 215 756 6285

For Sale NH manure spreader on rubber PTO drive exc cond Perry Co 717 536 3263

For Sale 78 Olds, custom cruiser diesel SW cruise control ps pb pw needs work $1800 Lanc Co 717 768 3021

Wanted Used professional dog kennel fill dirt any amt Chester Co 215 363 2461

For Sale Mott mower for Farmall Cub underbelly type new blades $249 302 994 2996 before 8 30 a m or after 7 p m

Wanted ROPS canopy w/mounting brackets also rollers for winch 814 228 3488

For Sale 901 Ford Powermaster $1800 3 pt disc $225 3 pt drag cult $225 3 pt weeder $100 201 446 9493

For Sale Farmall Super H hydraulics cultivators 2 btm plow rubber discs sickle bar $1000 Lanc Co 717 367 4359 before 3 p m

MAILBOX MARKET

Wanted World Book Encyclopedia in good condition 717 539 2711

For Sale Mobile Home 1973 12'x60' 2 bedrooms Stove Refrig washer aircond Williamsgrove Trlr Court, 717 582 4677, 717 697 4017 Eves

Wanted Used slow speed diesel, 6 to 12 hp Moses K Renno RD 2, Box 305, Mifflintown, Pa 17059

For Sale IH 656 Row Crop tractor $5000 318 Dodge Motor $150, 2 Hog Feeders 40 bu $25 each 717 776 5672

For Sale AKC Registered Beagle pups tri color and tricked from gun dog stock $40 each ready 2-4 84 Franklin Co 717 328 5561

For Sale Farmall M, Barn cleaner, 18" gutter, 20' elevator, 12'x65' Mobil home Dauphin Co 717 365 3562

For Sale Hammond 8200 Aurora Organ tone bars, poly synthesis percussion unit auto vari 64 unit, piano unit, extras $3,000 717 582 2352

For Sale Polled Dorset ram registered, Brungis Breeding Born Sept 76 Still good fora few ewes $50 717 286 9380 Northumberland Co

For Sale N I Manure Spreader with PTO, 3 Surge Milkers, Surge Dumping station New Castle Co De 302 737 4741

For Sale Mixed Hay $100 per ton Delivery possible also 12x65 mobile home for rent Cumb Co , Pa eves, 717 776 6143

For Sale Alfalfa mixed with timothy and Canary grass, Orchard grass mixed with Brome grass No rain Berks Co , 215 367 7256

For Sale Yazoo 60" riding Mower Wisconsin Engine, Grasshopper 52" w/vacuum attachment, Used 1 season 215-683 6260 or 683 8935

For Sale Snowmobile 1972 snow jet 430CC $250 00 Call 215 445 6841 after 4 p m Lanc Co

Notice Spinning classes Tuesdays at 10 a m on Thursdays at 7 30 p m Amazing Acres Custom Wool Processing, Womelsdorf, Pa 215 589 4023

For Sale Acorn Gutter cleaner, good $400 00 around 450 bales timothy and bluegrass 50 cents per bale Perry Co , 717 834 3882

For Sale Quality mixed hay, Timothy hay, will deliver, muscovy ducks Wanted Poultry manure for spring 1984 717 534 2229 or 717 533 6115

For Sale 00 Frick mill in running condition 3,000 00 Amos H Stoltzufs 15920 Mt Green Rd Spring Run, Pa 17262

For Sale Bay work Horse Mare 16 hands leader $1075 00 Berks Co 215 689 9266, before 9 a m or after 9 p m

For Sale No rain Timothy Hay 1 80 per bale or $100 00 per ton York Co 717 432 9056

For Sale NH 315 baler w/thrower Used 4 seasons Excel $5000 2 bales thrower wagons $500 each Berks Co 215 678 7629

For Sale Baker s doz brown egg layers coming 2 yrs in May $1 00 York Co 717 235 3728

For Sale N H Tank spreader left hand unloading Saddlebred driving mare man s horse Lanc Co , 215 445 7496

For Sale 1 Puppy male Chihuahua & Terrier mixed Born 12 7 1983 $20 00, N H 717 pickup head $500 00 717 653 4470

Wanted Wisconsin VH4D for Parts or in running order, need crank shaft 717 733 7420

MAILBOX MARKET

For Sale Reg Holstein Heifers, due shortly All AI sired, sires include Milmay Elevation Bob Good records on dams 717 865 2846

For Sale Mattison Automatic wood lathe 30" cap 10 H P Motor good condition $4500 00 Neg 215 445 6180

For Sale 1972 RT Challenger 340 4bbl 4 spd , good cond , customize seats, Cragar Mags $2800 00, Lanc Co , 215 445 6807

For Sale 1 yr Female German Sheperd, 750 N I # crimper Aaron Beiler, 1 mi East of New Providence, Stively Rd

For Sale 500 lb barn platform scale on wheels $65 Iron crib 54"x30" w/spring & mattress, $35 York Co , 717 755 9418

For Sale Mothers Range Cookstove with water resevoir $75 00 Lanc Co , 717 627 2308

For Sale 2 Belgian Mares 5 & 7 yr and 1 gelding 3yr 717 354 9927

Wanted Chevy Pickup or 1 ton truck for parts between the years 64 and 66 Lanc Co 717 872 4484 or 717 872 7055

Notice Bring your horse collars to be fixed John F Stoltzfus 312 Petersburg Rd, Lititz, Pa Lanc Co Near Neffsville

For Sale Fiber glass 16 Bu feed cart new $135 00 Lanc Co , 717 354 0018

For Sale 4 yr old buggy horse, broke mans horse good traveler Lanc Co 717 354-0702

For Sale Wooden Calf Stulls good condition, $15 ea Phone 717 726 3555 after 7 p m Clinton Co

For Sale - 100 Shares of Ephrata National Bank Stock Montg Co , 215 584-5168

For Sale - 1980 John Deere 440 Liquifire snowmobile, AC B tractor w/cult and 2 way plow Schuylkill Co , 717 648 2047

Wanted Camper Topper for Fleetside 6' bed 717 739 2632 Schuylkill Co

For Sale 10ft Transport disc harrow and Oliver 5 bottom, semimount plow Chester Co , 215 273 2740

For Sale One nice Suffolk ram Dauphin Co , 717 944 1534

For Sale Seman Tank loader w/semen Meyers snowplow powerangle pump & frame white gas heater 60,000 Btu Lebanon Co , 717 838 9262

For Sale 3 axle Lowboy trailer, 15½' steel dump body, 60" sides, w/sub frame, hoist, tank after 6 p m 215 267 5802

For Sale Old Magazines look life movie women old German Bibles and song books, Best offer Berks Co 215 682 2011

For Sale Pool Table 4'x8 3 pc slate w/accessories, 1981 Honda 400E Motorcycle Low milage EC Berks Co 1 845 3306 (215)

Notice Tractor repair service and rebuilt low rates For Sale Frick steam boiler trailer mounted leakes bad Berks Co call 215 683 5970

For Sale Dobermans AKC blacks 8 wks large boned shots docked wormed excellent disposition, beautiful Dobes $150 00 Berks Co 215 488 1632

For Sale A '62 and 63' Corvair, 63 Caddy Fleetwood Good for parts or restoration Best offer 215 929 0522 after 4

For Sale 4 pairs car and truck chains outside picnic table manure forks motor and reduction gear Berks Co 717 933 4569

For Sale Alfalfa hay any quality from mulch to very good North d Co 717 758 3901

MAILBOX MARKET

For Sale Due yearling Kleen Leen Durock boar also 1 Purebred Dorset ram Phone 215 445 6510, Lanc Co

Wanted JD Off Field 50# Square Bale Hay Loader 814 834 4960 Elk Co

For Sale 2 Bottom Hydraulic Stoltzfus plow 16" paper cutter, shredder bars 202 NH Crimper, John Fisher 72 Quarry Road, Paradise, Pa 17562

For Sale John Bean pump & tank Good for pressure washing Best offer Lanc Co , 717 284 4449

For Sale Wheat straw for sale 717 838 6788 Dauphin Co

For Sale Non locking ski rack Fits VW Bug or any car with rain gutter Best offer or $10 717 665 9223

For Sale Hammermill John Peck Stationarry 12" with 3 screens 125 00, 717 252 2165 after 5 p m York Co

Wanted T Bottom 12" JD plow, 2 row corn planter, Cumberland Co , 717 776 5886

For Sale AC 95 bushel ground driven manure spreader, good condition, $500, Schuylkill Co , 717 386 4295 or 4375

For Sale DeLaval Magnetic units with 40 & 65 lb pails Phone 301 334 2383 between 8 & 9 P M Garrett, Md

For Sale Parts Catalog and manual for 500 Case Diesel Tractor, New 3 pt Rotiller 5' $350 00, Perry Co , 717-834 3882

For Sale 722 Brady choppper top, good 30 gal gas water heater Used about 1½ yrs $50 Lanc Co , 717 354-6007

For Sale Rollaway chicken nests, 14 h p Briggs engine battery starter, Isaac Nolt R#1 New Holland, Lanc Co , N Shirk Rd

For Sale Ford 800 Tractor with loader & 3pt hitch plus back hoe at tachment Hammonton, N J 609-561 9107

For Sale 1965 Diamond Reo, single axle diesel, tractor $2900 1965 Ford Super dump truck $1200 Leb Co , 717 933 4062 eves

Wanted Ford or Ferguson two bottom, 12 inch plow 3 pt hitch Berks County 215-987 3761

For Sale Truck bed old, 12 ft , wood, wooden grain sides and end gate, $200 Leb Co , 717-273-2873

For Sale 6 cyl Inter Power Unit, D 19 Diesel engine parts, parts for D 14 & D17 tractors 412 423 4076

For Sale 500 gallon ESCO milk tank operating condition Make offer Burl Co , 609 298 3164

For Sale Square Broach set Dumont Hi speed 3/16" 1/2" 5/16" 7/16" 5/8' 3/4" Oak case $335 Firm 1 215 539 0428

For Sale O'Frich sawmill 671 GMC diesel Frich edger, T06 diesel crawler w/winch Amos S King 1605 Fonderwhite Rd Lebanon Pa 17042

For Sale 1 vacuum type DeLaval bucket milker w/late model super claw $350 814 445 5987 after 7 p m

For Sale Gehl 99 Hi throw blower & NI flail chopper Wanted Badger single chain conveyro & self propelled feeder 717 665 3865

For Sale Grade goat does Alp /Togg/Nub reasonable Jan 717 627 0488 after 6 p m

For Sale 3 pt hitch equip including a sickle bar mower cultivator left blade & a platform Schuylkill Co 717 682 9391

For Sale Feeder pigs 717 865 5968

MAILBOX MARKET

For Sale Black 7 yr old Percheron gelding, big, strong, exc worker John K Fisher, W Eby Rd, Bird in-Han, Pa 17505

For Sale 12 hole Smedly hog feeder like new $150, NI fert drill, 8' pickup cap $30 Lanc Co 717 684 5352

For Sale Bedding chopper, new Wanted AC or MF tractor, need not be in good cond Lanc Co 717 656 2846

For Sale 74 Ford 4WD, 360, V 8, auto , new radial tires, real sharp, $3950 Adams Co 717 359 4474

For Sale Open front Amish carriage w/block brakes, good gear $350 David Z Esh, 3427 West Pequea Lane, Gordonville, Pa 17529 Lanc Co

For Sale 4 units Elevation semen $200/unit Montg Co 215 323 1496

For Sale 1977 ¾ ton Dodge Club cab 14,000 miles $4200 2 AKC Cockers $75 ea Carbon Co 717 427 4298 weatherly

For Sale Second & third cutting Alfalfa Hay $125/ton 717 684 8092

For Sale patz barn cleaner chain, left hand, 152', good cond 4 elevated calf stalls all $200 Lanc Co 717 872 8659

For Sale 12 ton Big Dutchman feed bin, NI manure spreader, good cond 717 665 3133

For Sale 1981 LTD Ford F 150 pickup, 302, auto trans w/overdrive, air dual tanks, lots of extras, 717 273-7394 eves

For Sale NH 451 7' sickle bar mower w/hitch for conditioner $700 304 263-2491

For Sale AKC Pomeranians, 1 male & 1 female, 7 weeks old, also sell mother, cream color, Franklin Co 717 349 7716

For Sale Farmette 7A prime land barn, remodeled 5B, R house, 2 baths Manheim Central School District Lanc Co 717 665 3154

For Sale Pygmy goat kids, does, bucks, wethers, small cast iron wood stove, Sears stove Corning ware tap Lanc Co 717 626-0985

For Sale - By owner Mini farm, 49½ acres, 1500' South Lynchburg, Va Campbell Co $75 000 Terms 804 283 4752 after 6 p m

For Sale Four 750x18 traction implement tires w/JD rims $60 ea , like new, Lanc Co 717 548 2559

For Sale 3,000 bushel grain bin, Patz silo unloader, JD no till corn planter, Double 3 Clay Milking Parlor 717 292 1405

For Sale 2 yr old ram and ewe Cheviot $50 00 each Stephen L Beiler RD1 Christiana Pa 17509

For Sale 1978 Fiat rally car 56 000 mile Lanc Co 717 394 6536

Notice Tobacco ground buildings up to 10A Farm on shares Have equipment Between Eden and Landisvalley Lanc Co 717 569 2079

For Sale 2 doors heater radiator other parts for 1949 Chevy van make offer 46 Chevy Radiator Lanc Co 717 285 5208

For Sale Black 10yr old trotter Safe for anyone to drive $475 00 717 656 6468

For Sale 1st cutting Alfalfa hay $105 a ton 3rd cutting alfalfa hay $115 ton no rain Schuylkill Co 717 345 3457

For Sale Fordson tractor $250 00 Fordson radiator $75 00 Fordson Rear Steel Wheels $100 00/pair 1530 McCormick $375 00 Bucks Co 215 249 9151

MAILBOX MARKET

For Sale 3 Wooden Calf rack $30 00, Metal farrowing crates $25 00 each, old feed and flour bags 717 768 8440 Lanc Co

For Sale 1951 Stude Balter Club coupe, Motor runs, best reasonable offer Berks Co 215 286 9163

For Sale Cage layer manure spread on your farm 717 758 9263 Southern Northumberland Co

Wanted One Cylinder gasoline engines and metal signs Don Heim, RD2, Box 297, Jersey Shore, Pa 17740 Clinton Co , 717-745 3164

For Sale Registered Holstein Bull son of Simpsons Burkgov Snowman service age Franklin Co , 717 349 7207

Wanted Tractor 25 to 60 hp, hydraulics, fair condition, for under $1,000 717 245 2000 from 8 to 5 30, Cumberland Co

For Sale Large hand quilted pieced star quilt in blue and white colors 717 865 4757

For Sale NH super #69 baler with #50 thrower JD hay fluffer Inter 1 PR corn picker Lehigh Co , eves 215 679 8921

For Sale Spare plow bottom for Oliver 565 plows Frame mounted with bolts, $100 Montour Co , 717-649 5962 eves

Notice Farm land For Rent Team mules for sale Northampton Co , 215 767 2304 Riverview Dr , Walnutport, Pa 18088

For Sale Stud service from small Yorkie, 4 lb , reasonable rates 717 656-9734

For Sale - Direct cut head for NH harvester, will fit 717 & other models York Co 717 252 3794

For Sale - 5 big springing heifers, Atlantic sired, due soon Lanc Co 717 354-5489

For Sale Reg Polled Hereford Bull 1½ yrs sire Enforcer 107H, Hesston 1090, haybine used twice, new cond 717 866 4185

Wanted Used 30 hp 4WD or crawler type tractor w/3 pt hitch & pto, loader optional, York Co 717 927 6564

For Sale - Singer seed potato cutter splitter, like new Harford Co 301 452-5122 eves

For Sale Bred gilts some 2nd litters due in a few weeks Christ M Stoltzfus, RD2, Box 253, Quarryville, Pa 17566

For Sale - 9 yr blonde Belgium, 17 hands $800 Jacob Blank, Amish Rd , Gap #1, Pa 17527 near Millwood church

For Sale Work horse hook anywhere, sound 13 yr old Isaac L Beiler RD3 Box 370 Quarryville Pa 17566

For Sale service bull dams 2 yr record over 27000M 897F Israel S Beiler RD 1 Box 117 Christiana Pa 17509

For Sale 7 yr old carriage horse Smidley hog feeders John K Beiler RR1 Lynwood Rd Ronks Pa 17572 Lanc Co

For Sale Hay straw & corn 1964 Jeep Wagoneer 2 farrowing crates complete & shovel to sheller Lanc Co 717 529 6239

For Sale #628 King woodstove Howe & Fairbanks portable platform scales Lanc Co 717 626 5751

For Sale John Bean high pressure boom sprayer 356PM pump 400 gal tank good cond Lanc Co 717 653 5359 426 3135

For Sale Gentle saddlebred horse, 5 in April traffic safe sound steady $1000 Henry Fisher West Eby Rd Bird in Hand Pa

MAILBOX MARKET

For Sale 1976 GMC Suburban 350 V8 engine 3 spd , manual trans P steering, P brakes Lanc Co , Pa 717 665-5413

For Sale Greenhouse 12x26 glass w/wood frame $325, tractor tire ½ tread 16 9x30 $50, 2 Holstein steers approx 600 lbs 717 354 9908

For Sale AC Model "G" Tractor plow & Cyl $1650 00 cash M M Avery Model "V" tractor Hyd & cul $950 00 cash 717 938-6322, York Co

For Sale Two 2 horse riding cultivators Poor condition, $60 00 each Luzerne Co , 717-822 7820

For Sale Restored 1894 Ireland Automatic feed shingle mill and edger, Ireland Drag saw $5200, best offer Bradford Co , 717 537 2257

For Sale Steiner 45 cu ft forage mixer $1750 Air champ AC 600 corn planter w/no till and insecticide $2250 814 623 9424

For Sale Brillion 18' Spring Tooth transport harrow, new teeth, $795 Trenton N J 609 259 2802

For Sale Wheat Battery charger Model 5301 like new Price negotiable Harford Co , Maryland 301 692 2380

Wanted 4 Colonial porch Columns about 7' h prefer white or yellow Wm McPeak 48 RT 46 Hackettstown N J 07840

For Sale Milk sputnik make offer Need wheel bearings, Levi A Stoltzfus RD 7 Box 294 Coatesville, Pa 19320

For Sale Monarch wood or coal range in good condition Israel M Stoltzfus RD 1 Box 290 Turbotville, Pa 17772

For Sale 60A farm 50 clear Centre Co , bank barn w/straw shed large house crib shed garage porch Noah J Yoder Aaronsburg, Pa 16820

For Sale - Oliver Model 22 mower, 7' cut, w/extra mower for parts $275 00 will fit Farmall After 8 p m 717 573 2522

For Sale 3 yr old grade Percheron stud, $750 Registered A Q H A 6 yr old boy, gelding, broke $750 NY 602 359 3538

Wanted 2 good used steelwheels for N I manure spreader Stephen S Fisher 703 Hickory Hill Rd , Oxford Pa 19363

For Sale Aluminum Box for truck 8'x5', good for Produce, etc fits stepside only $150 00 Chester Co , 215 388 6140

For Sale 6000 bushel oats Good test weight 4500 bales good mixed hay 500 bales of 2nd & 3rd cutting alfalfa Lyc Co 717 458 6879

For Sale Sorrel colored mare Quarter horse Broke to ride or drive single and double $500 Lanc Co 717 354 8529

For Sale Long 310 diesel 4 W D like new w/loader reasonable Inter 3200A hydrostatic skid loader bucket & manure fork Berks Co 215 944 7475

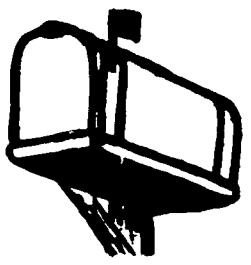
For Sale #75 DeLavac Vacuum milker pump Myers 8C50 jet water pump Jonas S Smucker R2 Mast Road Narvon Pa 17555

For Sale 4 Horse Glick Tag along trailer good condition $1800 00 Also Reg Quarter horses for sale Berks Co 215 488 6914

For Sale 1967 Black Corvette Roadster good cond 203 239 2444

For Sale Set of tractor chains NI bed chain Angus Bulls Clark Supply Company Box 501 Rising Sun Md 21911

For Sale Cultivators for 900 Ford Hobart 5 qt mixer Gang mowers 717 442 4279 eves Lancaster



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MAILBOX MARKET

For Sale One Horse Square Back Sleigh with Brass Bells on Shafts, tuffed and pleated upholstery excellent condition $650 00, 717 569 5150

Wanted Womens horse traffic safe, a morgan horse 5 or older Bennie A Fisher 103 North Ronks Road Ronks Pa 17572

For Sale Bolens 38' snow blower fits older 8 12½ HP garden tractor's $315 00 Set of Bolens chains $15 00 301 235 1307

For Sale 6 year old Saddle bred horse good driver $400 Elam S Stoltzfus Houti Rd #3 Quarryville Pa 17566

For Sale JD #9 Mower JD Hammermill with bagger good condition LouDoun Co Va 703 882 3974 after 7 p m

For Sale 1st cutting Timothy & Alfalfa and ear corn $125 00 per ton Phone after 6 00 p m 201 735 4408 or 735 8389

For Sale Borzoi Russian Wolfhound AKC pups Ch bloodlines, show or pet loving temperment home raised $295 00 1 215 942 2100 Chester Co

For Sale Pr of 10 2x28 or 11 2x28 twist link tractor chains $75 00 Pr of Heavy trucks chains 40 00 York Co 717 252 3416

For Sale Hardy Outside wood furnace Safe clean efficient 5D Wooded acres lots Sullivan Co 717 924 3756

For Sale Remington Rand adding machine nice condition David K Stoltzfus R1 Box 273 White Horse Road Gap Pa 17527

For Sale 7 yr old Sorrel work horse big good cond Clarence M Hoover Laustown Rd R D #1 Denver Pa 17517

For Sale 1955 Ford Farm truck 30 000 GVW excellent rubber passed inspection priced to sell York Co 717 244 9513 717 244 4676

For Sale Timothy hay no rain Call after 6 p m Adams Co 717 528 4281

For Sale Martin Houses must be ordered Jonas S Esh 307A Queen Road Gordonville Pa 17529

MAILBOX MARKET

For Sale Used open buggy hydraulic brakes good condition Benjamin R King, RD#2 Box 54 Peach Bottom, Pa 17563 Lanc Co

For Sale Fox 546 chopper two row wide one row corn heads Pickup head Wash Co , Md 301 842 2392

For Sale Ice Skates like new, Child's Reidell Size 10, Girl's Size 3, Boy's Size 1 and 5, $8/pr 215 932-4728

For Sale Home Comfort cookstove $150 00 Lanc Co , 717-548-3411 after 5 30 p m 3pt 2 btm plow $75 00, 302 349 5650 eves

For Sale Wood coal enamel cook stove $150 00, 16 9x28 6 ply tractor tire 60% Tred $50 00, Coca cola cooler $50 00, 201 948 5781

For Sale 2 story building, 6"x6" beams, Size 20'x40', Peach Bottom state, you tear down, you make offer, South of Lancaster 717 393 6455

For Sale Gestetner mimeograph machine, model 400, 7 yrs old, excellent cond North umberland Co 717 742 8090

For Sale Va stock & grain 300 or farm Timber Louisa Co Rt Box 232 Bumpass Va 23024

For Sale Oliver 1850 diesel, WF, w/Oliver front end loader, White 5100 4 row no till corn planter, latest model 717 933 8134

For Sale Horses boarderd indoor w/outdoor arena, Trails, wash stall, heated tack room, Transportation to horse shows, lessons available, $90 00 717 582 8343

For Sale 30 used Trojan hog water cups $75 00 takes all Northumberland Co 717 425 2194

For Sale Badger barn cleaner model 200 230 chain $485 00 or transmission w/motor $350 00 wo/motor $150 00 Union Co 717 966 1561

For Sale 20' Belt Potato Elevator 2 Hp motor Mayrath augers 20'x6 2 HP motor 16'x6 ' 1 5 Hp motor 717 648 5056

Wanted Allis Chalmers B for parts Chester Co 215 932 8633

For Sale Chainina Heifers 1 7/8 bred to 1 molo 3000 1¾ due Spring Chainina Semen $5 per unit Chester Co 215 942 2657

For Sale 2 Cream Separators $75 & $50 Also extra parts Lanc Co 717 687 0606

For Sale Saw Buck good condition $115 Lanc Co Manheim 717 665 7140

For Sale 4 155SR/13 tires like new $100 1 XZX165SR/14 Michelin new $50 Wanted Steam Jenny, whole or parts 215 582 4226 Berks Co

For Sale VH4 Wisconsin engine rebuilt with or without clutch or reduction Benuel Beiler RD#1 New Providence Pa 17560

For Sale 2 yr old Morgan horse halter broke Eli S Glick R1 Bird in Hand Monterey Rd Pa 17505

For Sale Black Walnut tree Large, sound and accessible Berks Co call Kenneth 717 933 4430

For Sale JD 999 corn planter w/plateless units $475 Gideon F Stoltzfus RD 2 Box 2276 Gap Pa 17527

For Sale Snowmobile 1979 Polaris Gemini 244cc like new 2 Row Blackhawk 3 pt corn planter Toyota rims 469 717 0394

For Sale Older Model homelite chain saw w/30' bar & chain $40 00 717 896 8260 Dauphin Co

For Sale NH 368 Flail Tank Spreader 1100 gals Tandem wheels Lefthand throw like new Asking $6,000 00 215 754 7316 Montg Co

MAILBOX MARKET

For Sale 1977 Shoap 2 horse stock trailer exc cond new paint no rust highest offer over $600 Dauphin Co 717 469 7448

For Sale Mixed hay, Timothy Bromegrass $100 ton, Straw $100 ton Cumb Co 717 776 5870

For Sale 1951 Packard 4 door overdrive, 59,000 orig miles, orig cond & paint, best offer $2000 Perry Co 717 789 3943

For Sale Gandy applicator 12 volt, also center fill disturber for harvestore silo, also hyd cylinders Lanc Co 717 665 7175

For Sale 1978 Fiat rally 56,000 miles, Lanc Co 717 394 6536

For Sale Hill 5 door upright display freezer w/5 h p 3 phase compresser, $2,500 Hoffman Farms Inc 754 6441 or 754 7751

For Sale Used 22"x40' Steel bar joists also Oliver OC-12 dozer not running North Co , eves 215 759 0819

For Sale Ford 6 row Planter 310 Gandy insecticide, units removable, markers, corn, bean plates, $1000 negotiable Columbia Co , 717 752 5064

For Sale Steel wheels Farmall A house trailer for storage Lanc Co , 215 484 2517

For Sale JD model 400 grinder mixer very good condition Somerset Co , 214 445 7309 after 5 p m

For Sale Hard wood fire wood, Christ S Miller R1 Paradise, Whiteoak Rd , Nickel Mines 17562

For Sale 1978 Parker aluminum dump trailer 27 ft good light weight trailer for grain farmer 215 593 6165

For Sale Home 'Acre lot along Route 11 & 15 Eila M Rissler RD #1 Box 248 Port Trevorton Pa 17864

For Sale Percheron gelding, Standardbred Percheron colt Percheron Belgian colt Marcus Stauffer RD 1 Box 223 1A Port Trevorton Pa 17864

For Sale Lambs 1 yr old free to good home barn kittens Berks Co 215 582 3066

For Sale Cloverseed Pa Grown PA STATE TESTED 99 68% PURITY $1 14 per lb 50 lb $57 00 60 lb $67 00 215 682 6429

For Sale Stock trailers Mority 1983 12 ft 10 ft 12 ft gooseneck 1972 12 ft $1100 and up Mifflin 717 242 0941

For Sale 2 warm morning stoves Good condition $525 each Jonathan S Fisher Springhill Rd R D 1 Kirkwood Pa 17536

For Sale Riteway Coalt Wood Heater good condition $475 00 Israel Stoltzfus R D 1 Box 396 Kirkwood Pa 17536

For Sale 1 Hereford Polled Bull service age 201 799 5808 Col Co

For Sale Sauder Loader type C1 No 853 fits Ford Tractors complete with manure & dirt bucket $250 Eves 201 359 5934

Wanted 2 row level bed potatoe digger in good condition Lanc Co 717 733 1048

Wanted Person to strip tobacco some experience West of Millersville 717 872 5620

Wanted Weak new form lambs and runt baby pigs Hane Pleuty Goats milks to bottle feed 717 872 7642 Lanc Co

For Sale 2630 JD Tractor on steel kitchen heating range, both good condition Standardbred carriage horse Lanc Co 717 354 8745

MAILBOX MARKET

For Sale 8' x30' front tractor wheels w/springs $125 Lanc Co 215 445 5898

For Sale Home grown Clover seed, also 331 NH manure spreader Lanc Co 215 445 6488

For Sale Ford 2 bottom plow like new, $350 8' 3 pt spring tooth harrow $275, oat hay $1 50 each 717-386 5000

For Sale JD 20 10 crawler loader, antique farm tractors & horse tread Leon R Bradford Tioga Co 717 549 3185

For Sale Mueller cement finishing machine, new blades $325, homemade 8 ton LowBoy tailer $500 Schuylkill Co 717-345 8179 eves

For Sale Reg Belgian mare (foaling July) reg stud colt, filly colt, harness, wagon, plows, bobsled, cultivating equip Tioga Co 717 659 5659

For Sale Tractor tires used two 16 9 34 6 ply & 1 tube $250 Chester Co 215 932-8208

For Sale Adorable Pygmy goats all NPGA reg , also stud service, herd sire Dewey Meadows Gabriel Montg Co 215 948 6421

For Sale Full blooded Fox Terrier pups, Enos King Horse Shoe Rd , Lanc Pa next to Conestoga Valley School

For Sale 1960 Ford truck w/12' cattle body, runs good, dependable, Lanc Co 717 872 2646

For Sale Reg service age bull Dam 3 yr 282d 19,205m 717Fat, 2 yr 305d 20,265m 708Fat 717 423-5534

MAILBOX MARKET

For Sale 18 fresh & springer cows & 1st calf heifers Snyder Co 717 658 3360

For Sale Used mobile home, exc cond , 2 bedrooms, kitchen, living room, family room, 1 bath, furnace & woodstove 717 272 8501

Wanted To rent or buy, bare farmland, Bethel, Frystown, Fredericksburg area Berks Co 717 933-8079

For Sale Honey, wholesale 5 gal $40 5 or more pails $38 Jacob B Stauffer, R3, Box 154, Selinsgrove, Pa 17870

For Sale Ear corn, Larry seed oats, certified last yr Northumberland Co 717 758-8085 eves

For Sale - Trexler power seed potato cutter $125 Farmer grass seeder, 6 volt $25 Leb Co 717 949-3988

For Sale 3 horse stock trailer, like new, Reg AQHA gelding, 9 yrs old, has been shown $850 Perry Co 717 567 9773

Wanted To buy, front end loader for JD 2020, 146 or anything that will fit Northumberland Co 717 473 9417 eves

For Sale Tractor parts for an Oliver 70, F 12 Farmall, also some other parts Raymond Snyder, North'd Co 717 742 4429

For Sale Used 4 burner gas stove, Caloric Ultra Ray, also windows out of stone house Perry Co 717 789-3241

For Sale One 12 8 Ontario hoe drill on steel wheels, good cond , Northumberland Co 717 648-7052

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MAILBOX MARKET

MF 510 combine, 2 4 R narrow heads (sheller & grain), Fox harvester, 2 heads (hay & corn), White disk, 717 867 4282

For Sale Top buggy on rubber w/hyd brakes, good condition, best offer Lanc Co 214 445 7283

For Sale JD 11' tran sport disc harrow, NI pto manure spreader $585 Fairbanks platform scales $110 717-354-0266

For Sale Frick saw mill, 2 blades, all ball bearing, 220 Cummins power unit Berks Co eves 215 845 2136

For Sale Country bar & restaurant, inventory & equip included in sale, located in Sch County 717 644-2120 or 648 9063

For Sale New Baby Bear stove, old antique coal stove, 5 HP, economy gas engine Melvin A Marshall, RD2, Box 100, Hanover, Pa 17331

For Sale Locust posts $2 ea , oak wagon tongues $10 ea Ben Stoltzfus, 55 Griest Rd Nottingham, Pa 19362

For Sale Martin hog crate w/auto head gate $185. 14T JD baler $375 Lanc Co 717 653-5733

For Sale Kalamazoo kitchen range, good cond 2 York cross service age boars 215 445-5832

For Sale Firewood Jonas K Smucker, R1, Box 181A, Strasburg, Pa Summit Hill Dr next farm to Timerline Lodges

For Sale GMC army truck 6 wheel drive $800 R 2 Cat , Cat 28, Cat 20 Lanc Co 215 445-6032 eves

For Sale First calf family cow due soon $425 Pair of Blinde Belgium Fillip 2 yr old 717-656-9548

Wanted 4WD truck wagon, or jeep, use in the woods body may be rough should run York Co 717 252 2938 717 845 1518

For Sale Buggy at Nickel Mine coach shop had paint job, new uphol Christian R Petersheim Box 114 Christiana, Pa 17509

For Sale 1984 Thoroughbred Deluxe 2 horse trailer less than 100 miles price below factory cost Perry Co 717 834 3674

For Sale 3 yr old Sadd diebred carriage horse broke & traffic safe $750 717 354 9370

For Sale 350 Int utility $1800 Hot water bucket Adat stove $100 100 gal stainless steel tank $400 717 672 2021

For Sale 4 6 wk old Norwegian Elkhound puppies AKC reg Elvin Miller, Port Trevorton Pa 17864

TRUCKS & TRAILERS

1977 Int. 1800 446 gas, 5 & 2 speed, power steering, 10 00x20 rubber; 1978 Int. 1750 466 Dsl., 5 &2 speed, power steering 10·00x20 rubber, 1978 Int. 1800 446 gas, 5 & 2 speed, power steering, 10 00x20 rubber, 1979 Int. 1854S 466 Dsl, 5 & 2 speed, power steering, 9·00x20 rubber. New bodies and hoists can be furnished for any of these trucks 301-877-9889

'82 GMC 3500 1 ton cab and chassis for 12' body, 350 auto PB/PS dual tanks, radial tires, 10,000 GVW 17,000 miles $7900 717-733-2873

81 Ford Econoline van 6 cylinder, PS, PB, excellent condition, $4950, 717-733-2873.

78 Ford Ranger, F150, half ton pick-up, 351 auto, PS, PB, 38,000 miles, $4250, 717-733-2873

For Sale - 25' gooseneck horse trailer, reconstructed, $400 neg., Lancaster Co., 215-484-2254

TRUCKS & TRAILERS

1982 Datsun King Cab pick-up, 4 cylinder, 5 speed, AM-FM Excellent condition, $5,600. 717-733-2873.

1970 Chevrolet C50, 16' steel dump bed, 350 engine, 2 speed rear, 21,000 GVW, 717-345-4882.

For Sale - 1973 Mack R600 237 5 speed maxidine twin screw, nice $11,500. Norman R. Shores, RD#5, Towanda, Pa. 18848 717-265-9014.

For Sale - 1981 LTD Ford F-150 pickup 302, auto trans w/over-drive, air, dual tanks, lots of extras. Call 717-273-7394, evenings.

For Sale - 1977 GMC hay truck, 6500 series, heavy axles, registered for 33,000 lbs. all new 10::00x20 tires, clutch and brakes recently renewed, 366 V8 2 speed, PS, shock absorber seats, special low body over 24' behind cab, plus 11' deck over cab, Carries 480 bales. Excellent condition throughout. A real hay truck. Body is a work of art. Going out of business after 34 years. Price $11,000. 201-454-8259.

1973 IHC Hay Body 392, 5+2, PTO, 26' +9' over cab, clean. See at The Fuel Stop, Avondale, Pa. Best offer. 302-995-6154 eves.

1981 Ford F150 6 cylinder 3 speed overdrive, AM-FM radio, 26,000 miles, 4WD, 717-677-6494 after 5:30 PM.

1978 Parker aluminum dump trailer, 27', good light weight trailer for grain farmer, 215-593-6165

1975 Chev 90 Series 318 Det. 10 sp., 56,000 20' tradewind grain dump, asking $21,000. 215-869-9294, good cond.

For Sale - Mac B42 gas for parts. Good transmission, Good rear. 609-358-2447. Call after 7 PM.

6' wide Automatic Dock Levelers, trailer shelters for 12' high doors, $250 each 717-927-6564

For Sale - 1956 White dump truck tandem axle, blown engine otherwise good mechanically, make offer 814-766-2733

For Sale - 1968 International Scout with Myers snow plow. $1500 717-582-2352

For Sale- 1971 30' dump trailer on 32' frame, 6'6" steel sides with barn doors, call Joleo Farm, 301-928-3655.

1977 F150 pick-up, 4x4, PS, PB, 400 auto, free wheeling hubs, Harford Co , 301-836-8905 evenings.

1968 GMC V6401 5+4 trans. Runs good, can be fixed up or used for parts 1964 Chevy tandem Detroit diesel Long chasis 5+4 trans. Make a good grain truck Needs some work. Runs good. Harford Co. 301-836-8905

1976 White Road Boss 350 Cummins, wetline, Jake Fan-Clutch 10 speed with '69 Parker trailer 29' Good grain rig 1976 White Road Boss, 318 Detroit, Jake, wetline, 15-speed Lycoming County 717-323-4903.

Raven Dump Trailer, 717-626-7596

1975 GMC truck 6500 series. Full air brakes, 1000x20 tires, will take 22 ft. body and would make excellent hay truck 215-255-5211, after 6.30 p m

For Sale - 1977 Datsun pick-up, long bed, orange, 4 speed, good dependable truck, $2,000 215-683-7943

For Sale - 1976 Ford ¾ ton pick-up Explorer, V8, AT, PS, AM-FM radio, good condition, needs 2 tires, $1,550, 717-865-3488.

For Sale - 1975 Chevy, ¾ ton pick-up, V8, AT, PSPB, 71,000 miles in very good condition, $1,950. 717-865-3488

TRUCKS & TRAILERS

For Sale - 10' wooden livestock bodies. 20' Morgan van body. New 18' alum. Gooseneck, used 22' alum. Gooseneck, used 18' & 23' alum livestock bodies. M.H. Eby, Inc. Blue Ball 717-354-4971.

NEED CASH? We buy unwanted trucks and parts, scrap aluminum of any kind. Wrecked dumps, vans, flats, tank trailers, etc. Call 717-273-7474 (day), 215-944-9871 (evenings).

1969 D 1000 Dodge truck, 250 Cummins, recent overhaul, 10 speed Road Ranger, tandem axle, air condition and PS; 717-949-3074.

MIKE RHODES & CO.

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1984 Ford Bronco, V8, PS, PB, Air, AM-FM Stereo, Cassette, Tilt Wheel, Cruise, Rear Window Defogger, Privacy Glass, New Unit, **$16,900**

1982 Datsun Pickup, 4 Cyl, 4 Speed, PS, PB, Low Miles, **$7995**

1982 Ford Bronco, 6 Cyl, 4 Speed, Air, Sharp, **$11,900**

1981 Suburban, V8, Auto, PS, PB, Lockout Hubs, Low Miles, **$11,900**

1980 Chevy Pickup ½ Ton, V8, Auto, PS, PB, AM-FM, Lockout Hubs, Clean & Sharp, **$8695**

1980 Chevy 4x4, V8, 4 Speed, PS, Lockout Hubs, Dual Tanks, AM-FM, Low Miles, **$8995**

1979 Dodge Ram Charger, 318 V8, Auto, PS, PB, AM-FM Stereo, **$6995**

1979 Dodge Club Cab, V8, Auto, PS, PB, AM-FM Stereo, CB, ¾ Ton, **$7995**

1979 Chevy Blazer, V8, Auto, PS, PB, Radio, **$8795**

1978 Chevy Blazer, Cheyenne Pkg, V8, 4 Speed, PS, PB, Radio, **$6995**

1968 Jeep Commando, 6 Cyl, Auto, **$2995**

PICKUPS!

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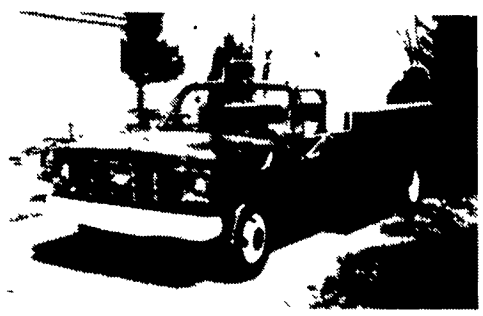
1981 Glick Gooseneck stock trailer, 6'-16' exc. condition. 717-665-2703 after 4 p.m.



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1978 W150, 4x4 w/Factory Snow Plow, 318 V8, 4 Speed.

1978 W150, 4x4, Shortbed, Pickup, Auto., PS, Tilt Wheel.

1982 6 cyl., 4 speed overdrive, short bed, like new.

1978 D150, SPRING SPECIAL 6100 G.V.W., Regular Gas, 400 C-I, A Good Tow Vehicle, One Owner.

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1974 IH CAB OVER
4070A, 13 SPEED
TRANSMISSION, 318
DETROIT DIESEL, PS,
SLIDING 5th WHEEL,
GOOD RADIAL TIRES
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109 acre West Virginia farm 79 acres wooded, balance pasture. Excellent deer, turkey, grouse hunting. Remodeled home alum, siding, 2 barns, 2 car garage, hen house, cellar house "FREE GAS" low taxes. Owner financing at 10½% - $90,000. Call 1-717-442-4793.

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116 acre farm 60 acre's tillable, stone house completely remodeled, 3 bedrooms, new kitchen, bath, Airville York Co. $190,000.00 717-284-4238 or 284-4283.

Dairy Farm - 101 acres, Northampton Co. Modern 62 tie stall barn w/pipeline, and bulk tank, 2 Harvestores 20x80 and 20x30. 2 barn has 9 stalls w/barn cleaner and 10x30 stave silo, good for replacement animals. Large farm house and other out buildings. By owner 215-588-5742.

For Sale - 60 acre farm, Schuylkill Co. with 12 room house in good condition. Bank barn, bordered by Trout Stocked Stream. Gravity water from mountain to house and barn. Spring house with running water, plus 2 extra streams. 717-768-8679.

183 acre dairy farm, 60 tillable, good water, good 9 room frame house, large bank barn, 32 tie stalls, out buildings, necessary machinery for farming. Located So-Huntingdon County along Rt. 35. Call Gerald Yohn 814-259-3469 after 6 PM Financing by Owner.

For Sale - Building lots for sale in Schuylkill County 717-768-8679.

For Sale - 67 acre general farm, near Reading, PA., 60 acres tillable, 4 bedroom house, barn, sheds, silo, ½ acre pond. Call for details, some owner financing, private, 215-693-5624.

30 acres in Paradise for sale, 50 sow barn, 4 bedroom house, 717-442-8186.

Western Pennsylvania Dairy Farm for rent, also equipment for sale. 412-459-6799.

647 acre farm, unlimited water ½ mile of river frontage and lots of creeks. 300 + tillable, 125 wooded, approx. 220 pasture. Close to Mennonite communities, Leyden, N.Y. Remodeled 6 bdrm house. House and outbuildings $34,000. $300. per acre, will divide. 315-942-2174.

Farm for sale- 103 acre dairy farm, all clear, 24 stanchion milking barn, pipeline milker, 42 stanchion loafing barn, 40x50 calf barn, 2 silos, automatic feeders, 30x64 machine shed, 3 bedroom rancher, off Rt. 15 South of Gettysburg, $175,000, 717-334-0292.

For Spring Sale - 225 acre farm, Finger Lakes region, 130 acres tillable, stream, woods, 54 stanchion and tie stall barn, 2 silos, pipeline, 800 gal. tank, 8 room remodeled house, good milk market, $200,000. Cows and machinery extra 315-364-8846

For Rent - 70 acre farm West Cocalico Township. Lancaster Co. Barn, House, $625 monthly. 717-733-3980.

REAL ESTATE

For Sale by owner - 44 acre farm, Lititz area, 4 bedroom home, barn, silos, layer house, other buildings Financing available to qualified buyer. Write Box 366 L-13, Lancaster Farming, Lititz, Pa. 17543.

Farm for sale - located on Rts. 522, Decatur Twp., Mifflin Co., approx. 91 acres, 75 tillable, two 2 story frame houses, bank barn, ideal for Christmas tree plantation, orchard or farming. Priced to sell. 717-374-9125 evenings.

Farm - approx. 50 miles west of Harrisburg, Pennsylvania - 242 acres, Monroe Township, Juniata County, approx. 120 acres tillable, frontage on 2 township roads; 1½ story frame dwelling house and barn, recently surveyed, contact Barner Swartz for additional information at (717) 589-3482.

ALL PURPOSE FARM - Bradford County; 298 acres; well maintained fencing; private trout stream; 8-room & bath farmhouse; plus income-producing 7-room & bath tenant house; 2 large barns; tile silo; milk house; garage for 2-cars or 1- truck; paved highway frontage. No. C-7869 James Howard & Robert Storch, R.E.S., 537-2400. WEST REAL ESTATE AGENCY, INC.

FARM WITH A-1 BLDGS. - Knox, PA area in Clarion County; former dairy farm of 77½ acres; all tillable but 4 wooded acres; has young fruit orchard and 2000 ft. paved rd. frontage; lovely main home has 7-rooms & bath, swell bank barn 68x48 with stanchions & stalls; 2 silos; corn crib; grainary; pig pen, chicken coop; 3 machine & equipment sheds; newer 6-stall garage; plus an older 3-bedroom house with summer kitchen. $98,500. No. B-2911. Alfred & Sarah Spohn, R.E.S., (412) 285-6790. WEST REAL ESTATE AGENCY, INC.

FARM-CREEK-DUPLEX - Near Bedford; lovely Cove Creek flows 1¼ miles thru this 141-acre farm; nice 2-apartment home has 2 equipped kitchens; 2-car garage and workshop area; A-1 barn 30x60; storage shed; corn cribs; poultry house; 40 acres are tillable; 30-fenced pasture. No. A-4784. Office: 623-8594. WEST REAL ESTATE AGENCY, INC.

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA 15044.

139 acre dairy and poultry farm. Room for 60 cows. 40x400 2 story house now raising turkeys. Old farmhouse and new 4 bedroom home. Beautiful view over looking Susquehanna River, Sail Calvin Leckill, Dauphin Co., 717-896-8766.

2 Adjoining Farms For Sale - 2 sets buildings, very fertile productive land. Will consider trade on small farm equipped for hogs or able to change to hog operation. Owner will help finance. John Strawbridge. 301-996-2022.

For Sale - 5 acres zoned commercial, 422 east Myerstown with sewer and under ground electric priced to sell. Jacob Stoltzfus, 42 Gold Road, Myerstown, Pa. 17067.

97 acre dairy farm, 3-year old free stall heifer barn, 2 silos, 4-year old machinery building, 9-room home, 56 cow barn. $95,000 717-673-5945.

For Sale - 114 acre grain farm, all tillable, highly productive soil, newly remodeled house, excellent location, Chambersburg area. Parksburg 215-857-3460.

REAL ESTATE

FRANKLIN COUNTY - dairy and general farms, Kuhns Real Estate, Inc., 717-597-8300. Roger Wildeson R.E.S., 717-263-5702.

Farm for sale by owner - 140 tillable acres, 40 acres wooded, good flat Klinesville soil, lots of frontage on hard road, Columbia Co., write to Lancaster Farming, PO Box 366-D94, Lititz, PA 17543.

100 acre Southern NY farm, refurbished house, w/w carpeting, electric heat, wood stove, bank barn, machine shed, out buildings. Picture' postcard setting. Valley inside a mountain. $69,000. 215-754-7316

For Sale - Productive Tioga County dairy farm, 193 acres, 2 barns, 3 silos, large house. 717-724-2174.

Wanted to rent - Dairy farm in Franklin County for Spring 1984. 301-797-6460.

307 acre central Delaware farm. 220 tillable, house and buildings with large shop $550,000 with 8% assumable mortgage, 302-734-1226.

Dairy Farm - Madison Co. NY - 281 acres, 84 comfort stall, new pipeline and bulk tank, two 20x50 silos, machine and outbuildings, two homes, excellent condition, Call Details 315-662-7708.

Wanted - Beef, Hog farm in project 70 or near by areas. Call 717-249-6410.

For Sale - 27 acres tillable farm land, Lycoming Co., 717-584-2092 after 4 pm.

For Sale - 20 acre farmette, 2 ponds, 15,000 pullets operation, barn, stone home, 3 bedroom, kitchen, den and recreation room, have fireplaces, 2 car garage, insulated, storm windows, hot water heat, oil wood fired, excellent spring, Lancaster Co., 215-484-2325.

Small farm in the Hegins Valley along route 25. Three bedroom house, plus large barn. If you would like a good setting for country and village life combined, call 717-682-9391.

Farm For Sale - Nice stone house, 9 room, 1½ baths, 150 acre limestone soil, 2 streams, 2 large bank barns, 3 silos, 41 tie stalls, horse or heifer barn, other outbuildings, $250,000/or make offer, for appointment call 717-776-7650.

Wanted to lease with possible opportunity to buy. Approximately 200 acres farm, equipment and cattle. 302-945-1112.

FOR SALE - 60 acres of timber land in Sullivan township, Tioga County. Very little marketable timber now but future potential exists. Excellent hunting area or would be ideal building site. Asking $400 per acres. Contact HEADWATERS FARM CREDIT SERVICE, P.O. Box 508, Wellsboro, PA 16901, (717) 724-1961.

17 acre farm, north of Manheim, 4 bedroom house, barn, other buildings, in high state of cultivation, many options by owner, 717-665-5471.

Wanted to rent - dairy farm in Lancaster or Chester Co., write Lancaster Farming, PO Box 366, Lititz, PA 17543.

Save 10% by buying direct from owner, Two adjoining farms. 1) 265 acres, 70 stall barn, 2 silos, 1500 gal. tank, pipeline, 2 cleaners, 2 tool sheds, 2 car garage, 4 bedroom home, 2) 107 acres, 2 silos, drilled well and shed. Can be sold separately. Bradford County. 717-364-5529.

For Sale by owner Minifarm 49½ acres ⅔ in grass 1500 ft. road frontage convenient beautiful location South of Lynchburg, VA. Campbell County. $75,000 Terms 804-283-4752 after 6 P.M.

REAL ESTATE

221 ACRE FARM

2" stainless steel pipeline, tank, 3 silos, overlooking Seneca Lake. Price greatly reduced for a quick sale. Owner financing.
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Montour County

157 acre dairy farm, Limestone soil, freestall cow and heifer barns, everything you need Large house with 2 adjoining apartments Phone after 7 PM 717-437-2888

Beef Farm - 145 Acres, Clinton County Two story four bedroom home 130 ft x 50 ft metal barn plus equipment sheds Equipped for one man operation Owner retiring, will sell all equipment & stock Will finance with low interest rate For details call "Star Real Estate" Lock Haven, Pa 717-748-9519

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Dornsife, Pa.

Nice 3 bedroom house, dishwasher electric range, more than 14,000 sq ft chicken house, 1st floor concrete, ideal for pigs or steers, elevator, heating system in part, frame bank barn, work shop with daylight basement, 2 car garage on 2 acres East of Dornsife Rt 225

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Lancaster Co.

60 ac general farm, 8 ac pasture w/stream stripping room & cellar

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112 acres general farm limestone 60 acres farmed more can be farmed 28 acres pasture owner financing $165 000

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If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

96 Acre Dairy Farm, Oxford area, good house, bank barn, equipment shed, $250,000. Hayes Oxford 215-932-3092 - evenings call Jack 717-354-9534.

REAL ESTATE

Farmette, 12.66 shares, for sale by owner. 717-259-9983.

REAL ESTATE

98 acres of level land, large bank barn, 2 houses, $120,000. 717-392-1177.

REAL ESTATE

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REAL ESTATE

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150 day growing season

275/a 6 silos 82 cow stanchion barn, Class I soils georgeous home Sell bare or stocked/equipped

144 acres Large outbuildings showplace farm 2 homes Asking $175 000

260 acres Double four parlor 53 free stalls Two homes, $80 000 down 9%

120 acres - Older 30 cow dairy nice home $110 00

100 acres Two new metal buildings new home Sealed bid

300 acre Large outbuildings fenced fields two good homes, excellent general farm showplace atmosphere! $325.000

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140 + Dairy Farm and Meat Market in Northampton County Dairy buildings consist of 12 cow Herring Bone milking parlor with 2 1 000 gal milk tanks complete milk processing plant for jug milk with full line grocery and meat market store also a federal inspected slaughter house with all equipment plus portable smokehouse 5 Harvestore Silos with automatic feeding system

150 cow + free stall barn and all other equipment buildings 5 living quarters - Colonial style main farm house with modern kitchen oil heat plus 2 bathrooms 2 apartments atop 3 car garage and workshop 1 small house and trailer

For information call 215 262 5976 between 9 a m 6 p m No calls Sundays

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PENNA FARMS
CUMBERLAND CO.

87 acre dairy, 28 tie stall barn w/40x40 addition large heifer barn, silo, pole building 40x66, road frontage 3 bedroom frame dwelling, a good starter farm

127 acre general, 102 crop acres, bank barn, frame dwelling, needs repaired PRICE ADJUSTED $109,900

FRANKLIN COUNTY

150 acre m/l dairy 73 tie stalls 800 gal Girton tank dumping station DeLaval milkers 16x50 stave silo Badger stable cleaner stream through pasture road frontage 9 room brick dwelling needs some repairs Just $160 000

130 acre dairy, limestone soil, 38 stanchions pipeline milkers, 1000 gal bulk tank, (2) 40x70 pole barns, barn hay elevator, 2 bale conveyors, 2 large corn cribs, stable cleaner, 3 bedroom stone dwelling, road frontage, 40 adjoining acres available

Charles Wenger, GRI, 263-0945
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BERKS CO. POULTRY FARM
60 acres, 35,000 capacity layer house, farm house, bank barn, 2 approved mobile home hookups, room to expand in quiet rural setting of dairy farms.
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103 cow free stall barn, Surge double 4 milking parlor, Dari-Kool 13,000 pound bulk milk tank, 20x70 poured concrete Star silo with new unloader and bunk feeder, 47 acres, implement shed, 2½ story farm house, Bethel Township, Lebanon County, Penna.

Price $190,000

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No 1 Farm 5 B R Stone & Brick house Large Dairy Barn with stanchion plus loose housing Bulk milk tank Two Silos, stream thru pasture 65 acres $350 000 00 Additional land available

No 2 Farm Frame house with 7 rooms and bath 65 Acres of choice land Needs Barn Additional land available Price $250,000 00

CECIL CO. MD.

113 acre dairy or general farm 16 acres located in Lancaster Co Pa 85 acres tillable 9 pasture balance wooded Level land Good set of farm buildings

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12 acres No buildings Stream $46 500

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300 tillable, South Jersey, Cumberland Co 2 houses, shop, outbuildings, underground irrigation, 8000' road frontage, 4 wells $3000 per acre call for brochure or appointment after 7 PM
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29 acres with 2 acre lake excellent fishing business, snack bar, living quarters, $125,000 00

8 acres, lots of road frontage, $3,000 00 an acre or will trade on a single family home

15 acres, commercial zoning, drive-in theatre, many uses possible, only 3 miles from I-81

6 acres with home, office, shop, 2 heated storage buildings, 3 car garage with 2 bedroom apartment above, stream, 2 springs $88,000 00

NEW YORK

400 acres with 5 acre pond hunting cabin stream 4 bedroom home, barn storage building $450 000 an acre

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It is your option when you call us. We will explain both plans and then you choose. No obligation.

BERKS CO 150 ac modern dairy 2 lg silos lg new imple shed farrow house, lg stone farm house, 2nd set of bldgs w/stone farmhouse

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NORTHUMBERLAND CO 200 plus ac modern dairy farm capacity for 185 cows, 12 unit milking stable with automatic take off, 2 sets of buildings, high state of cultivation One of the most beautiful farms in Northumberland County Call for details

SNYDER CO 72 ac general farm or produce truck farm, large brick house, barn, silo etc Priced for quick sale with February possession

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75 ac 55 cow comfort stall w/pipeline 20' x 70' silo pond 5 bedroom home

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Restored farmhouse bankbarn w/sheep pens & housing, 53 ac total w/30+ tillable, lg spring fed pond

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42 ac w/creek frontage for irrigation, bankbarn tobacco shed ideal as a produce farm

114 ac w/modern free stall barn, 12 cow milk parlor, 2 Harvestores & 2 stave silos, lg pond rented ground nearby, ranch home and more

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A Family Farm to Fulfill A Modern Farmer's Dreams

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Will be sold before Spring

Looking for a clean modern F.S. facility that's affordable? Stop looking! All steel frame complex built in '70 w/double six herringbone parlour handles 100 head. Over $17,000 invested in new milking system plus new 1500 gallon tank. 3 silos; includes 2 Harvestores Clay self-feeding system. New 52 stall heifer complex w/bunk feeding. Special setting on 242 acres, excellent soils, 3 ponds. Super Colonial home. Great terms here, $65,000 down Let's talk Bare or stocked & Equipped price with 150 head holsteins and top line of machinery available.

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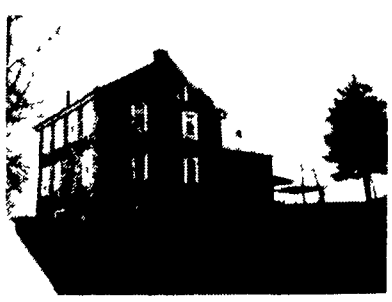
Short drive out of Lancaster Co. (west of Buck), 135 ac high corn yielding soil, large stone home w/character, make offer

140 ac abundant spring, gravity fed to bldgs , fine 2 story, 2 bath home, pleasant setting, Mennonite School & Churches nearby McAllisterville area, Juniata Co



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64 tillable acres, stone 2 family home, barn, corn barn, shed, pond, etc Nice setting in Lanc. Co Just off Rts 222 and Turnpike This farm will be sold, price is nego Call today!

FOR THE HARD WORKING FARM FAMILY

West of Lancaster, beef, hog, veal and tobacco sheds, make this a very special general farm Colonial 1880 brick exceptional home Be sure to call for information

Look! Horse lovers! 8½ Acres Beautiful secluded hideaway West of Buck off of 372 Almost new neat brick air cond home overlooking pond and woods Dandy barn Under $90,000

Small starter dairy w/76 stalls, pipeline, 3 silos, operating, southern Tioga Co

189 wooded ac along Penns creek, $84,900.

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199 A Limestone Farm on Marion Road, Franklin County Pennsylvania. Old stone house remodeled Over 1 mile of Road frontage Hagerstown soil. 3 floor Barn with pole shed attached, 3 hog barns. Lancaster silo. Located about 2 miles East of I-81 at Exit 4.

Would consider sub-dividing the buildings with 10 to 20 acres.

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1482L 157A farm; 70A open, 62A pasture, 20A woods; 4 BR home with new siding Includes Silo and Unloader Needs new barn $89,000

1559K 69A Turn Key operation with 54 tie stall barn; large assortment of machinery and livestock included. $155,000

1611R 66 5A farmette, 4BR home with steel siding and fireplace with insert; machinery shed, grainery; small barn, two car garage and workshop Creek thru property. 2/3 open and 1/3 wooded Ideal for horses, beef or sheep. $67,500

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CENTRAL PENNA. FARMS

ADAMS COUNTY

126 Acre Beef, modern frame house, 20x60 silo, large implement shed, nice stream. Call Mr. Niesley.

CUMBERLAND COUNTY

208 acre limestone dairy, 400 cow capacity w/double 8 parlor, 7 silos, modern house Call Mr. Niesley.

33 acres secluded, 20 wooded, stream. Call Mr Niesley

17¾ acs. woodland, $20,000/ Mr Niesley

18 acs. woodland, $17,500/Mr Niesley

JUNIATA COUNTY

60 acres of timberland. Call Mr. Benner

7.3 acre farmette, modern 2 story frame house w/attached garage, small barn and other buildings, stream thru pasture. Call Mr. Benner.

MIFFLIN COUNTY

118 acre dairy, 50 freestalls, liquid manure, 3 silos, modern 2 story log & frame house w/swimming pool. Call Mr Crawford.

PERRY COUNTY

5 acre farmette, bank barn, modern 2 story house Call Mr. Benner.

JOHN B. NIESLEY REAL ESTATE
32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177
CHARLES D. SMITH - 717-789-3125

FARM AVAILABLE NOW

120 acres, 20 mile from Carlisle, nice level fields, several ponds and stream for irrigating, large bank barn and house with all improvements, large mobile home on property, owner will offer financing. Call 717-249-1165 after 5 PM

NORTHCENTRAL, PA. FARMS & INVESTMENTS

Priced To Sell

250+ ACRE DAIRY FARM

Approx 180 tillable, 66 tie stall barn in 3 rows. Pipeline w/800 gal. bulk tank 20x60 silo w/unloader. Mow conveyor Heifer barn and machinery shed. Remodeled 4 bdrm. home. Approx $130,000 of existing FLB & FHA farm loans Fall possession. Priced right at $165,000 M-603

72 COW DAIRY FARM

50 tie stalls on pipeline w/22 ready to hook on. Additional 20 heifer stalls. 20x60 & 16x50 silos w/unloaders. Approx. 188 acres all but 40 till. or pasture Pole barn and shop/machinery shed. Totally remodeled 5 bdrm home Existing FHA **5% int. loan for $95,000 Just $179,500 M-532.**

BEEF/HORSE FARM

For the gentleman farmer or year round operation. 128+ acres with good barns and 3 bedroom house. Pretty setting. Lots of hay ground, much more. $65,000 with terms. Approx. 7 miles into N.Y. M-578

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FARMS FOR SALE
CHESTER COUNTY
NEAR OXFORD

190 acre dairy farm, 150 acres tillable. Will sell less acreage. Choice Farm: one of the best producers in Chester County. Amish area. 3 houses on the farm. No. 1) House extra nice brick house, bath. No. 2) House has 15 rooms and bath, both houses have conveniences. No. 3) House is a tenant house, bath. All houses have 2 car garages. Large Dairy Barn, 40 stanchions, also a large loafing area, building for cows adjoins the dairy barn, 2 large silos 20x70, both have silo unloaders, 2 smaller silos, large milk bulk tank, barn cleaner, milk house, corn barn, large 38 acre meadow, large never failing stream adjoining the dairy barn, good well on the farm, Small woodland. priced to sell. Owners financing. Also a dairy store and jug milk operation included in this sale of the farm. We will sell with or without dairy store. Also a cheese plant for sale in Maryland.

102 acres general farm between Oxford and Quarryville off Route 472 large barn, house, silo, approx. 70 acres tillable land. Large never failing stream and large meadow adjoining barn, 3 acres of woodland, some large trees, nice long fields only 4 miles to Oxford. Possession on or before April 1, 1984. Only $2500. an acre on this farm.

SOUTHERN LANCASTER COUNTY

100 acre general farm approx. 80 acres tillable, many possibilities near Little Britian School. No barn. Only $1800 an acre. Possession on or before April 1, 1984

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Maurice E. Lehman Broker
Phone 717-394-2460 or
Daniel E. Snader, Agent
Phone 717-656-7789

RETIREMENT HOME
small village in N Central PA 4 bedroom 1½ baths garage very accessible $18 000 Taxes $500/yr W786

22 ACRES
State Land on two sides very private all wooded $16 000 owner terms (W777)

FARMETTE
25 acres remodeled house barn garage fenced for sheep A nice retirement spot $55 000 (W775)

CAMP
summer or full time home Located in excellent hunting area Extra income from hunters etc $37 500 (W774)

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CAMP ALONG KETTLE CREEK
10x55 mobile 2 bedrooms oil heat appliances privy Easy access $12 000 (D292)

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Main St locale for the fabric shop & rental units 4 apartments & another store $60 000 for buildings Inventory extra (D286)

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in Harrison about 10 acres Small stream township road frontage Owner terms $7 500 (D226)

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FARMETTE
set up for horses New 3 BR 2 bath house shed & stalls Stream in pasture $65 000 (M1571)

CUSTOM-BUILT
rancher nestled in trees very private pool decks and numerous amenities $83 000 (M1570)

90 AC
near State Game Lands & State Park Strong investment potential woods & open $53 500 (M1561)

15 8 ACRES
woods/stream /utilities $10 000 (M1432)

CHEAP
yet quite good 3 BR home with new 2 car garage $16 500 cash or $19 500 terms (M1539)

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268 acres modern dairy w/double 6 parlor 210 free stalls

157 acres dairy 36 tie stall barn & loafing barn $157 000

105 acres general farm w/lovely home make offer

95 acres grain farm excellent land modernized brick home

Also 100 acres of open land near Gettysburg w/70 acres tillable

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(North Central Pa.)

107-acre farm, 70 tillable, 30-stanchion barn, excellent 4 BR farmhouse, on good twp road off main highway, suitable for small dairy or other farm operation $123,000

32-acre farmette, 15 tillable, good 4 BR house, old barn, on secondary blacktop $43,500

11½-acre farmette, half tillable & suitable for truck-garden, old (but livable) farmhouse, barn/garage/stable, chicken coop $40,000

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Cedarville NJ; 5 acres of tillable land and a 2 story home w/liv Rm, w/Franklin Stove, Din Rm, Kit, Fam Rm, 3 Bedrms, and more, $48,500

Port NOrris NJ; 19½ acres w/11 acres tillable and a 2 story home that includes Liv Rm, Din Rm, eating Kit, 4 Bedrms, 1 car garage (3 yrs old) out buildings and more, $69,900

Newfield NJ; 23 farmable acres and an older farm home Handyman home has Liv Rm, Kit, Fam Rm, 5 Bedrms, outbuildings and more

Pittsgrove Township NJ; 33 acres of farmland w/almost 2,000' road frontage, some irrigation equip included, $72,600 Vineland NJ, 8 acres of commercial zoned land, $85,000

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Vineland, NJ 08360
609-696-2255

VIRGINIA DAIRY FARM
108 9 ACRES

4 miles west of New Market Rockingham Co Va 53 acres corn 20 acres hay 30 acres pasture 3 acres woods 3 acres farmstead 4 stall Surge Herringbone parlor, 800 gallon bulk tank hot air furnace bulk feed bin and milking equipment included 3 silos equipment storage building loafing shed bank barn with hay/equipment storage and loafing area, heifer barn Two story frame home with 8 rooms, bath new kitchen 280' drilled well All in excellent condition $255 000

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50 Stanchion Dairy in modern round roof, 2 story barn; 2 concrete silos - the original bank barn in good condition. Providing all the box stalls you need for heifers and dry cows. The house - 2600 Sq. Ft. of beauty. Try this for kitchen and dining area - 22'x30' plus a new summer kitchen 12'x17' and even the bedrooms are large, 2 of them being 12'x20' each. The meadow has a small stream flowing through it and a beautiful farm pond just 75' from the house. All of this on 137 acres of which 100 are good tillable acres. Total taxes are only $775. Financing available and price to sell now.

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"BRAND NEW BARN" has 40 ties on 2 ' pipeline Patz cleaner new 20x50 silo w/Patz unloader Machine shed plus garage/shop Nice colonial home has 4 bedrooms new kitchen Good tenant house 165 acres with 128 tillable and adjoining land to rent INCLUDES 42 milkers 12 YS 3 tractors and complete machinery for $245 000 or $160 000 bare For appt call 518 762 8931 eve or WIMPLE'S SLOANSVILLE OFFICE 518 875 6355

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"MINUTES FROM PENNSYLVANIA" 424 acres with 200 tillable about 100 acres woods Barn has 73 stalls 2 unloading silos plus bunker cleaner mow elevator Heifer barn Tool shed Very good saw mill plus sugaring equipment Good 11 room home new kitchen oil heat $190 000 with $40 000 down or $135 000 with 253 acres (lease or rent) For app eve call 607 792 3355 or WIMPLE S TRUMANSBURG OFFICE 607 387 9303

ST. LAWRENCE VALLEY

"FIVE-GENERATION EYE CATCHER" 600 acres with 500 tillable and 100 woods One man operable 10 cow parlor in 122 stall barn 3 unloading CS silos trench 5 smaller barns Stately Italian villa style home under huge maples Tenant house w/new furnace $225 000 with $25 000 down CALL WIMPLE'S GOUVERNEUR OFFICE 315 287 4163

Longacre FARMS AND COUNTRY PLACES

BERKS COUNTY

111 acres 85 t general farm features 2½ story double stone home Set back from road, 12 rooms 2 baths Lg bank barn, wagon sheds and much more Boyertown area $280 000

67 acre turkey farm, features eloquent 2½ story colonial large modern eat in kitchen large formal dining room center hall formal living room family room 4 bedrms, 3 baths 4 car garage, quest house bank barn and 240x70 broiler house 260x52 160x52 and 150x52 turkey houses feed bins and much more all for $350 000

MONTGOMERY COUNTY

55 acre general farm featuring lovely log & stone home w/modern kitchen center stairs 5 rooms with livingroom fireplace 5 bedrooms & bath 2 car garage bank barn 2 machine sheds, corn crib silo & much more A very lovely setting **$300,000 reduced to $240,000**

82 acres 65 till balance woodland & pasture w/stream, general farm 2¹ story 5 bedrm house w/LR DR Kitchen & bath bank barn & other buildings $250 000

JUNIATA COUNTY

58 acre open and wooded 2 story brick home kitchen liv ing rm, dining rm & bath and 3 bedrooms stable and corncrib good hunting fishing area $68,000

OTHER FARMS AVAILABLE
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PAUL M. LONGACRE
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SNYDER COUNTY

65 Acre general farm w/88x45 barn w/block addition Large 90x36 implement shed, lg combination corn crib & shed Lovely 2½ story home w/kitchen, dinning room, living room 3 bedrooms & bath Completely remodeled $125,000 #344

BRADFORD COUNTY

100 acre, 80 T dairy farm, features 54 stall barn, barn cleaner, 16x50 and 16x60 silos, 20x30 Harvestore silo, w/unloaders, 60' bunk feeder, large pole barn, 800 gal bulk tank, lovely 7 room home w/modern kitchen and bath, all for $150,000 #376

225 acre 147 T dairy farm, 2 stall dairy farm barn 800 gal tank 2" [illegible] aner, 6 concrete silos w/unloader & fee[illegible] 2½ story colonial house w/10 rooms and 2 t[illegible] and outbuildings $225,000 SOLD

235 acre dairy farm 125T, 3 bedrm brick ranch house w/large l r, kitchen & bath Features new 50 cow stall barn w/pipeline milker, bulk tank, etc 2 story bank barn for dry cows & heifers, 14x40 and 20x60 silos and bunk feeder, $300,000

BUCKS COUNTY

67 acre dairy farm 2½ story colonial w/large living room, dining room kitchen powder room 4 bedrms & bath 30 stall silo 3 car garage w/ apt heifer barn $215 000 #367

145 Acre jug milk farm superb facilities lg store & sales area 3500 gal milk holding capacity modern processing facility including ice cream making 185 cow free stall 5 lg silos lg heifer facility 2 double houses & 1 single home shop storage sheds outbuildings 200 cows 250 heifers full line of machinery additional rental acreage available Call for details $1 5000 000

70 acre 60T dairy fa[illegible] lovely 2¹ story stone home modern [illegible]oom dining room 5 bedrms bath si[illegible]Road 36 stall barn silo barn cleaner bulk tank Quakertown area $240 000 SOLD

171 Acre jug milk farm w/good sales store double 6 low line parlor 120 free stalls 3000 gallon milk holding capacity 20x80 & 30x60 silos 100 & 70 bunk feeders large 6 bedroom home completely modern lovely 2 bedroom ranch Also full line of cattle & machinery available Call for details $650 000 A 358

SUSQUEHANNA COUNTY

102 acre w/14 acre pond, modern 4 bedroom brick ranch house w/kitchen, l r, fireplace, d r and 2 bedroom apart ment 2 insulated cabins, on pond, 20 minutes from Elk Mountain $160,000

520 acre dairy farm, w/120 acre approved land fill, 165 acres tillable, new 69 tie stall barn, 20 free stalls, modern milking parlor & liquid manure system, 2 large sheds, large main dwelling & 2 double houses and trailer 24x65 con crete silo, 20x80 and 20x40 Harvestore silos, 105 cows, 35 heifers, 3 large bull dozers and full line of machinery, lock stock & barrel $1,200,000

COLUMBIA COUNTY

180 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled Slightly rolling & level good ground $225,000 make an offer, reduced $175,000 #310

187 acre dairy farm, 170 T, pasture w/stream, 2 solid and lovely farm houses, 130 free stall barn, 70' bunk feeder, harvestore and concrete silos w/unloaders, 2 large trench silos, large machinery shed 2 large heifer sheds and much more $530,000

SCHUYLKILL COUNTY

234 acre woodland tract joins state gamelands borders Rt 80 & secondary road Pine Grove area good hunting area, call for details, $175,000

NEW JERSEY

80 acre dairy farm, gently rolling to level, streams & pond 2½ story home with 4 bedrooms & 2 baths, large remodel ed kitchen dining rm, & laundry 60 stall barn & 80 freestall milkhouse, bulk tank large shop, new large machinery shed & corn crib, 14x40 concrete silo & 200x25 trench silo $250,000

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Perry County Farms:

230-acre general farm - 174 acres tillable, 20 pasture, 36 timber 2½-story, brick, 4 bedroom dwelling, 50'x100 bank barn, silo, grain storage and other outbuildings Good stream and spring **Asking $325,000.00**

154-acre dairy farm - 54 tie-stall dairy barn, gutter cleaner, 500 gal bulk tank, bunk feeder in loafing barn, other outbuildings, 2 streams and spring Large 2½-story, 10 room, frame dwelling **Asking $190,000.00**

130-acre general farm 100 acres tillable and good stream Large 6-bedroom, stone home and 50'x100' bank barn **Asking $155,000.00**

Fred E. Morrow, Broker
Phone: Office 717-582-8616
Home 717-567-6665

Sales Agent: Neil Wingenroth
717-536-3236

LEBANON COUNTY FARMS FOR SALE

LEBANON COUNTY, PENNSYLVANIA

91 Acre dairy farm, R D #2 Annville 2½ story vinyl sided farmhouse bank barn with 31 stalls, 20x20 tile milkhouse 30x40 steel building implement shed 3 car block garage a long macadam lane private setting about a mile of road frontage pond $230 000 call Nelson Ebersole 717 867 4487

61 Acre dairy farm, Swatara Township Lebanon Co Dairy barn wtih 30 comfort stalls, universal glass pipeline system 700 gallon bulk milk tank, Patz gutter cleaner two 16x60 concrete stave silos 40x80 and 28x56 cattle buildings which house a 70 foot automatic bunk feeder 40x50 implement building, 2½ story farmhouse PRICE $180 000 TERMS $45 000 down the seller will finance the balance at 10% for 15 years monthly payment $1451 25 Call Nelson Ebersole 717 867-4487

47 Acre dairy farm, 103 cow free stall barn, Surge double 4 milking parlor, Dari Kool 13,000 lb bulk milk tank 20x70 star poured concrete silo with new top unloader automatic bunk feeder 2½ story farmhouse 36x60 concrete block implement shed BETHEL TWP Lebanon Co PRICE $190 000 TERMS $95 000 down owner will finance the balance at 10% for 20 years monthly payment $917 70 Call Nelson Ebersole 717 867 4487

130 Acre dairy farm Schaefferstown, Lebanon Co 115 foot long 70 cow tie stall barn 800 gallon bulk milk tank two 20x60 silos highly productive limestone soil large 19th century limestone farm house Price $595 000 TERMS $155 000 down seller will finance the balance at 10% for 20 years monthly payment $4250 40 Call Lee Reddinger 717 949 2243

30 acre hog farm complete farrow to finish operation 28x72 farrowing house, 30x80 bank barn tobacco barn various other buildings 4 bedroom 2½ story farmhouse South Lebanon Twp Lebanon Co Rich high producing limestone soil Price $165 000 Call Lee Reddinger 717 949 2243

10 acres and a tobacco barn Jackson Twp Lebanon Co Rich limestone soil owner reports 170 bushels of corn per acre last year Located along Rt 422 just west of Myerstown Price $65 000 Call Lee Reddinger 717 949 2243

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BERKS COUNTY!

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- ★ **140 Acre Beef Farm** consists of 2 adjoining farms with large feedlot (1,000 head per year), 3 silos, 2 Harvestores, 1 conventional, beautiful stone home. Call for more details!

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TIOGA COUNTY DAIRY OR FARMETTE

Farm set up in Liberty area for Dairy Remodeled like new 40 cow barn, w/barn cleaner & 16x50 silo Could be purchased with or without glass pipeline, silo unloader & Mueller Bulk tank. Tastefully decorated 2 story farm house w/central oil heat Country kitchen w/woodstove, some hardwood floors, 4 or 5 bedrooms, spacious living room Could be retirement getaway W-777 $70,000

71 ACRE FARMETTE IN MORRIS TOWNSHIP

Used to be dairy until barn recently burnt. Nice partially remodeled 2 story farm house, 4 bedrooms, country kitchen, dining room, family room & bath. Has tremendous views behind house and from other parts of property. Includes heated workshop. Could be subdivided into 2 or 3 parcels if necessary Excellent hunting area, close to State Lands, could be summer house or camp W-768 $64,500

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70 acre farm, 60 tillable, home and barns, nice setting, Halifax, $110,000. Call Peter.

150 acre, 115 acres tillable, 200 steer feed lot, silo, 10,000 bushel grain storage, 125x30 machine shed, 2 nice homes, $199,000. Call Peter.

70 acre, new 100' modern hog setup, 50' Harvestore, large machine shed, large bank barn, 30,000 bushel grain storage. $65,000 home. Appraised for over $250,000. Sale $129,000. Call Peter.

102 acre farm, 65 tillable, 4 bedroom home, barn, pond, stream, $139,000. Call Peter

60 acre farm, lg. home, wood or oil heat, bank barn, small orchard, $69,000. Owner wants to sell, make offer Call Peter.

137 acres, new horse stable, butcher shop & machine shed, large bank barn set up for sheep, pasture w/pond, 60 tillable, $150,000 Call Peter

600 acre farm, 400 tillable, large grain setup, $850,000 Call Peter.

400 acre farm, beef & broilers, 390 tillable, $800,000. Call Peter

400 acre grain and vegetable farm, large quantity of water for irrigation, new barns, extra nice home, 220 tillable, large quantity of low rent ground available, $500,000 Call Peter

50 acres of farm and woodland, stream, $39,000. Can be bought with no money down Call Peter

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$84,900 - 10 acre farm, must be subdivided House has been completely refurbished Large bank barn, summerhouse, other outbldgs Assumable mortgage, owner financing available (305746)

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CENTRAL PA FARM LISTINGS

BLAIR COUNTY

GENERAL FARM - 131 acres (106 productive tillable, 25 woodland, pasture), near Williamsburg Solid 2 story frame house and bank barn ideally suited for livestock Buildings are centrally located on land $142,500

CENTRE COUNTY

GENERAL FARM - 150 acres (147 tillable) Suitable for livestock or grain farming Sound 2-story house, bank, barn, good road frontage nice lane highly productive limestone soil Pleasant Gap area $238,500

DAIRY FARM, 136 acres, (113 tillable, balance pasture,) sound 2 story dwelling, excellent dairy facilities, including modern 1 story dairy barn w/52 tie stalls and attached free stall heifer barn w/40 stalls, 3 concrete stave silos w/unloaders and 2 story bank barn in addition Pond $269,000

GENERAL FARM - 105 Acres (92 highly productive tillable 15 pasture and) Very good house, barn, garage, stream Nittany Valley near Hublersburg $169,500 Also available as 93 acres (92 tillable) without buildings $117,500 Owner Financing

GENERAL FARM - 215 acres in Curtin Township near Romola, adjacent to Sproul State Forest Picturesque with tillable and wooded acreage, 2 story house, 2-car garage, very good condition Stream provides water for house and pond Ideal for recreation $150,000 Owner Financing

CLEARFIELD COUNTY

GENERAL FARM 111 acres (65 tillable, balance pasture and woodland) Barn, house, outbuildings and farm pond Includes surface rights for coal stripping Near Glen Richey $225,000 Also available as 25 30 acre farmette $69,500

CLINTON COUNTY

GENERAL FARM 65 acres (57 highly productive tillable bottom ground, 13 pasture) 2 story house in fair condition Frontage on Susquehanna River Owner Financing $91,500

LIMITED ACREAGE HOG AND DAIRY FARM 14 acres with a 2-story dwelling, bank dairy barn with 37 tie stalls, gutter cleaner and bulk tank, 14' x 50' silo with unloader, 400 head capacity Nebraska style hog finishing building, 3 bay garage/workshop $115,000 36 acres of tillable Hagerstown soil available at $500/acre Owner Financing 9% interest, 28 years, no call provision

COLUMBIA COUNTY

HOG AND BEEF FARM - 233 acres (130 productive tillable, 19 pasture, 79 woodland) Excellent house, good barn adapted for farrowing and finishing hogs, outbuildings, nice setting $275,000 10% Owner Financing

HUNTINGDON COUNTY

DAIRY FARM - 155 acres, (114 highly productive tillable, 14 pasture, 24 woodland), sound 2 story frame dwelling, 1 story ranch home, 2 story bank barn w/att milkhouse w/22 stanchion milking area, 70'x100' loose housing barn, 3 concrete stave silos outbuildings, and good water supply Near Warriors Mark, $335,000

LIVESTOCK FARM - 419 acres (approx 220 tillable, 140 pasture, 59 woodland) Buildings include a brick home, 2 barns, garage, 2 silos, 2 large euipment sheds 3 ponds are situated near the buildings $345,000 Owner Financing

DAIRY FARM - 80 acres (65 tillable, 13 pasture), pond, 2 story frame house, bank barn with 38 tie stalls, milk house with 600 gallon tank, 16' x 50' silo with unloader, 60' feed bunk with bunk feeder Near Shirleysburg Owner financing $110,000

DAIRY OR GENERAL FARM - 129 acres (70 tillable, 52 pasture, 7 woodland and site) Sound 2 story aluminum-sided house, bank barn with 43 tie stalls and new gutter cleaner, milk house, 14' x 60' Lancaster silo, new 40' x 60' implement shed, pond and swimming pool Near Petersburg $169,000

GENERAL FARM 218 acres, (80 clear land, balance wooded) Petersburg, refinished 2½ story house, 2 story bank barn, garage and outbuildings Several springs, Ideal for hunting or part time farming Reduced to $129,500

LYCOMING COUNTY

LIVESTOCK OR DAIRY FARM - Near Lairdsville 270 acres (165 level, very highly productive tillable) Good 2 story house, bank barn, 60 x 120' cattle barn, suitable for freestalls, 20 x 60' Harvestore, 2 streams Owner financing $325,000

RIVER BOTTOM FARM - 150 acres (118 acres tillable), good house, barn, silo, grain storage, Susquehanna River frontage very productive, well maintained farm 10% Owner Financing Adjoins farm listed below $325,000

RIVER BOTTOM FARM - 123 acres (100 acres tillable) excellent stone and frame house workshop/implement shed, large bank barn, grain storage, silo Susquehanna River frontage, very productive and well maintained farm 10% Owner Financing Adjoins farm listed above $325 000

MIFFLIN COUNTY

DAIRY FARM - 53 acres (41 highly productive tillable) Near Belleville Very good vinyl sided house, bank barn, double 3 milking parlor, free stall barn with 78 free stalls, 3 silos, 80' bunk feeder, large implement shed, stream and beautiful setting $249,500

DAIRY FARM - 90 acres, (75 tillable, 9 pasture, 6 woodland) 2 story frame and stone house, bank barn with 18 tie stalls, milk house, 14x60' silo small stream Near McVeytown Good road frontage $148,500

MANY LAND PARCELS AND FARMETTES AVAILABLE
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FARM AND LAND DEPARTMENT

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Don Myers (814) 422-8111
Mel Rockey (814) 466-6688

(Bedford) Richard D. Reed (814) 839-4271
(Huntingdon) Rachel Port (814) 669-4194

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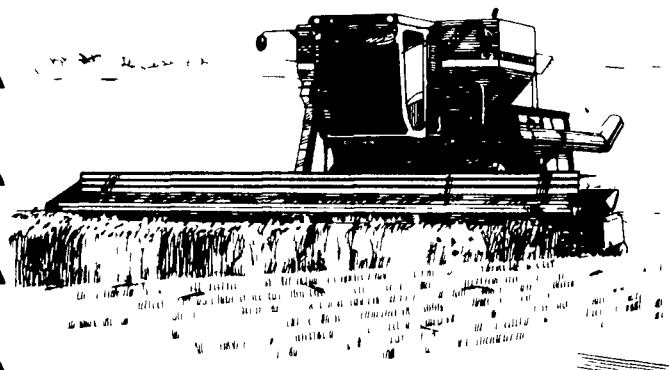

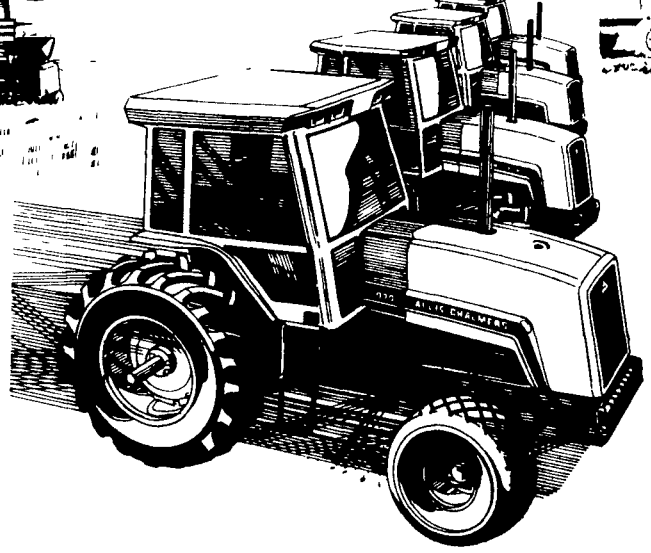

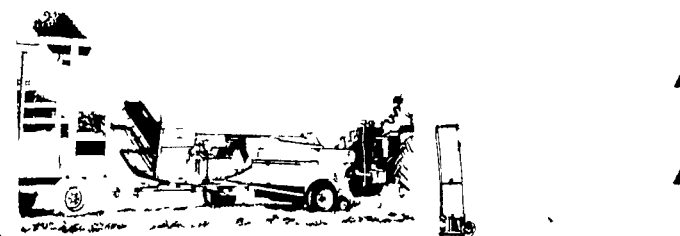

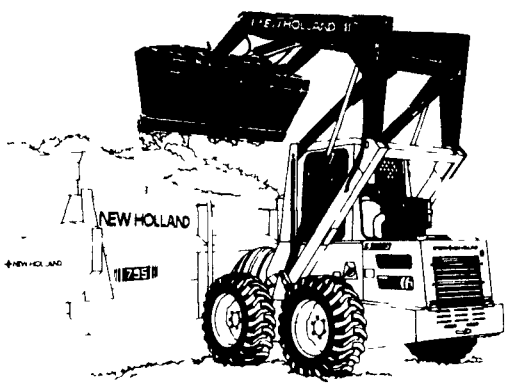

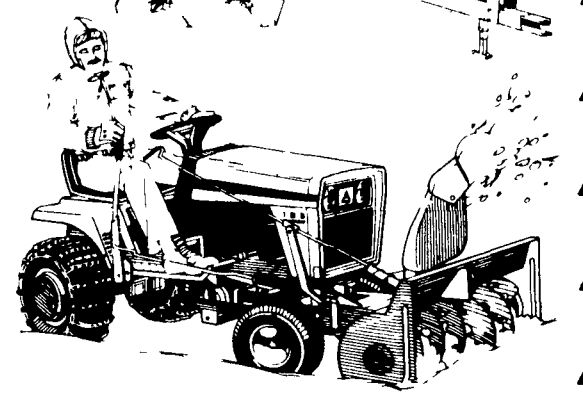

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Will Pa. have high tech greenhouse industry?

UNIVERSITY PARK — Pennsylvania can become one of the leading greenhouse centers of the U.S. or can go the way of the dinosaurs, in the opinion of Richard Craig, plant breeder with the College of Agriculture at Penn State.

Craig said recently that sales of Pennsylvania-grown greenhouse products can increase 20-fold or more. Addressing a meeting of the Pennsylvania Flower Growers' Association, he predicted development of regional auctions for wholesale flower marketing. One good location would be Harrisburg, he suggested, because of its central location and excellent transportation. Such a location could serve the surrounding states — Ohio, West Virginia, Maryland, Delaware, New Jersey, and New York.

"It is even possible that a wholesale auction could be developed within a computer," he declared. "Greenhouse plants would stay in place, while buying and selling would be done by computer."

He claimed the key to an expanded greenhouse industry will be high technology related to people, facilities, crops, growing schedules, and marketing. He added that commercial florists will use new scientific discoveries, new crops from genetic advances, and improved growing schedules and marketing strategies.

High techology growing systems will include greenhouses with energy conservation systems to save fossil fuels. Greenhouses of the future will be constructed of space-age coverings. They will be heated by waste water from power generating plants. Natural sunlight will be supplemented by unique lighting systems.

Computers will monitor not only the environment, he predicted, but also the occurrence of disease and insects, the growth of crops, plant nutrient status, and crop quality. He forsees widespread use of the computer in planning and marketing decisions as well as financial analyses.

"The Age of Robotics will come to the greenhouse industry," he stated. "Most repetitive tasks will be carried out by robots, with plants grown and transported in remote-controlled modules or trays."

Greenhouse growers will be connected by computer to both university and commercial laboratory personnel. Plant problems will be diagnosed by television-computer connections. This could include both nutritional and pest problems

"Greenhouses of tomorrow might have crop rotations considered unusual today — poinsettias, lettuce, geraniums, and strawberries," he suggested. "Since greenhouse operators presently have the courage to force lilies to bloom at Easter-time, considered a difficult task, growers should accept the challenges of growing fruits, vegetables, and herbs under glass."

The Penn State plant breeder claimed that new crops will be developed by fusing cells of various species. Genes will be isolated or synthesized and will be inserted into present cultivars or varieties.

"High technology advances can be predicted in plant propagation, in developing new flower colors, and in vastly improved keeping quality," Craig affirmed.

"At the retail level, I see drive-in flower stores. There will also be computerized, television-assisted shopping by consumers. This latter system will also allow commercial growers to buy their supplies from distributors," he added.

The Penn State plant breeder claimed geraniums from cuttings will be ready for sale in three weeks instead of the present six to eight weeks. Bright red African violets might be available. Growers will specialize in plants resistant to insects and diseases.

He predicted that commercial growers of the future will be quite specialized — responsible for only one phase of production. He said this means that the present growth of specialist propagators and producers of prefinished plants will continue.

Lebanon cites conservation plan

LEBANON — The Lebanon Conservation District Directors recently released its long range plan - "Resource Conservation Agenda". With the completion of the plan, the district is guided for the next decade in its role of conserving the soil, water, and other natural resources of the county, according to Donald Bollinger, Lebanon Conservation District Board Chairman.

The new plan addresses natural resource management problems and issues facing both rural and urban residents of Lebanon County. "Problems such as urban and rural agricultural non-point source pollution of our water resources, waste management, water supply and allocation, agricultural land perservation, erosion control, and many others will require mutual awareness, concern, and action by all county residents if they are to be resolved," added Bollinger.

Copies of Resource Conservation Agenda are available upon request by calling the district office at 272-3377, from 8:30 A.M. to 4:30 P.M.

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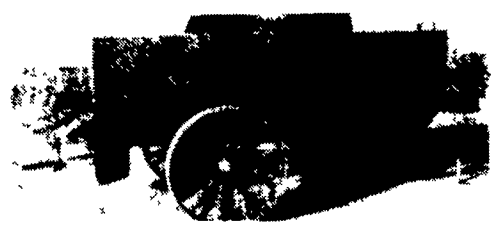

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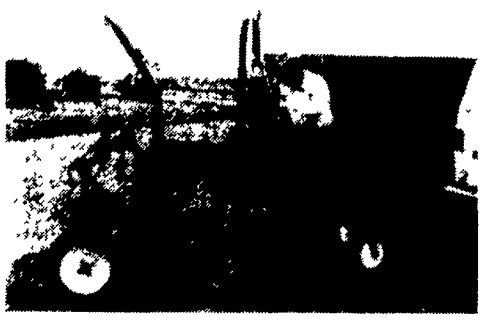

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Sprayer techniques to be discussed

SALISBURY, Md. — Getting maximum return on production dollars is a major concern of today's grain farmers. And the program for the upcoming 1984 Delmarva Corn and Soybean Technology Conference, Feb. 9 from 8:30 a.m. to 3:45 p.m. at the Wicomico Youth and Civic Center in Salisbury, Md., will hit this topic hard. Most of the morning session will be devoted to a discussion of sprayers and sprayer techniques–a key management concern, given the cost of chemicals and the losses which can occur when weeds and other pests are not effectively controlled.

"When you're applying minute amounts of chemicals in combination with different additives, you have to know what you're doing," says University of Delaware extension agricultural agent Dave Woodward, a member of the conference planning committee. "Some new materials can be applied in amounts as low as a pint per acre in certain circumstances, so sprayer calibration is very important. Besides being very expensive, the chemicals could damage the plants you're trying to protect if you put on too much."

In some cases a wetting agent can enhance the activity of a pesticide. Dr. Mark Labbee of the Rohm and Haas Company will lead off the morning session with a talk on what a wetting agent is, what is does and how to select the one that will perform best under specific farm conditions.

Extensive work is under way in the development of new equipment for applying pesticides. One of the most promising of these tools is the controlled droplet applicator or CDA sprayer.

"There have been good reports on this new technology, which permits you to drastically reduce the water applied per acre," Woodward says. "There've also been claims that the amount of chemical used can be reduced because droplets are uniform and do a better job of covering. But,"he adds, "results with CDAs haven't been consistent. We hope that Dr. Charles Slack of the University of Kentucky can shed some light on this subject when he shares his research on CDA sprayers."

Another current topic of interest to growers is the possible use of soybean oil instead of water as a carrier for herbicides Preliminary study by University of Delaware extension crops specialist Frank Webb indicates the oil may do a better job. He will describe this work. If soybean oil proves adaptable for this use, it would provide another market for soybean by-products.

The final talk during the session on spray management will be by University of Maryland extension weed specialist Dr. Ron Ritter. He will discuss the proper use of post-emergence sprays on both corn and soybeans.

TAXES

How many "friends" Can you identify??

Foreign Aid Given by the United States for the years 1946 to 1980

Country:	
Afghanistan	$542,331,000
Albania	20,400,000
Algeria	203,282,000
Andorra	0
Angola	8,898,000
Antigua	0
Argentina	462,826,000
Australia	123,586,000
Austria	1,256,769,000
Bahamas	301,000
Bahrain	2,408,000
Bangladesh	1,503,924,000
Barbados	3,324,000
Belgium	1,867,491,000
Belize	10,246,000
Benin	48,516,000
Bermuda	0
Bhutan	816,000
Bolivia	888,077,000
Botswana	119,040,000
Brazil	3,066,430,000
Brunei	0
Bulgaria	0
Burma	197,000,000
Burundi	24,742,000
Cambodia (Kampuchea)	2,169,645,000
Cameroon	39,713,000
Canada	30,500,000
Cape Verde	37,326,000
Central African Republic	15,829,000
Chad	65,249,000
Chile	1,388,662,000
China	455,000
Colombia	1,603,319,000
Comoros	269,000
Congo	10,427,000
Cook Islands	0
Costa Rica	271,994,000
Cuba	20,130,000
Cyprus	149,259,000
Czechoslovakia	193,001,000
Denmark	921,970,000
Djibouti	4,716,000
Dominican Republic	691,962,000
Ecuador	430,714,000
Egypt	7,874,519,000
El Salvador	284,571,000
Equatorial Guinea	0
Ethiopia	667,704,000
Falkland Islands	0
Faroe Islands	0
Fiji	0
Finland	57,088,000
France	8,466,639,000
French Antilles and Guiana	0
French Polynesia	0
Gabon	18,414,000
The Gambia	22,625,000
German Democratic Republic	800,000
Germany, Fed. Rep. of	4,980,422,000
Ghana	391,312,000
Gibraltar	0
Greece	5,542,454,000
Greenland	0
Grenada	0
Guadelope	0
Guatemala	492,562,000
Guinea	162,001,000
Guinea-Bissau	14,958,000
Guyana	126,806,000
Haiti	279,167,000
Honduras	356,690,000
Hong Kong	43,800,000
Hungary	32,700,000
Iceland	82,184,000
India	10,268,489,000
Indonesia	3,188,872,000
Iran	2,170,628,000
Iraq	95,584,000
Ireland	146,524,000
Israel	18,490,073,000
Italy	5,884,190,000
Ivory Coast	46,863,000
Jamaica	192,501,000
Japan	3,950,707,000
Jordan	2,417,897,000
Kenya	394,459,000
Kiribati	0
Korea (North)	0
Korea (South)	13,625,486,000
Kuwait	0
Laos	2,509,312,000
Lebanon	299,756,000
Lesotho	78,824,000
Liberia	329,935,000
Libya	230,115,000
Liechtenstein	0
Luxembourg	0
Macao	0
Madagascar	21,185,000
Malawi	64,260,000
Malaysia	237,366,000
Maldives	0
Mali	148,938,000
Malta	84,409,000
Martinique	0
Mauritania	61,283,000
Mauritius	23,532,000
Mexico	341,867,000
Monaco	0
Mongolia	0
Morocco	1,322,612,000
Mozambique	62,038,000
Namibia	0
Nauru	0
Nepal	260,924,000
Netherlands	2,312,211,000
Netherlands Antilles	0
New Caledonia	0
New Zealand	3,592,000
Nicaragua	370,060,000
Niger	119,642,000
Nigeria	408,414,000
Norway	1,245,549,000
Oman	32,841,000
Pakistan	5,684,567,000
Panama	439,547,000
Papua New Guinea	322,000
Paraguay	211,767,000
Peru	903,809,000
Philippines	3,131,494,000
Poland	539,300,000
Portugal	1,326,246,000
Qatar	0
Reunion	0
Romania	22,435,000
Rwanda	29,772,000
Ryukyu Islands	413,725,000
St. Christopher-Nevis-Anguilla	0
St. Lucia	0
St. Vincent& the Geradines	0
San Marino	0
Sao Tome and Principe	566,000
Saudi Arabia	324,036,000
Senegal	163,180,000
Seychelles	3,151,000
Sierra Leone	82,978,000
Singapore	21,962,000
Solomon Islands	0
Somalia	219,292,000
South Africa	1,300,000
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Sudan	296,238,000
Surinam	5,831,000
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Sweden	109,037,000
Switzerland	0
Syria	586,015,000
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Togo	50,152,000
Tonga	0
Trinidad and Tobago	40,864,000
Tunisia	1,071,312,000
Turkey	8,361,345,000
Tuvalu	0
Uganda	53,474,000
United Arab Emirates	0
United Kingdom	8,779,506,000
Upper Volta	139,045,000
Uruguay	248,659,000
U.S.S.R.	186,400,000
Vanuatu	0
Venezuela	353,568,000
Vietnam	23,361,456,000
Wallis and Futuna	0
Western Sahara	0
Western Samoa	9,841,000
Yemen (North)	125,000,000
Yemen (South)	4,500,000
Yugoslavia	2,831,962,000
Zaire	784,558,000
Zambia	182,527,000
Zimbabwe	29,905,000
Central Treaty Organization	39,624,000
Near East&South Asia Regional	566,043,000
West Indes-Caribbean Reg.	182,143,000
ROCAP (Reg. Office Central America & Panama)	285,116,000
Latin America Regional	667,102,000
Indochina Assoc. States	1,557,067,000
East Asia Regional	356,520,000
Entente States	38,262,000
Portuguese States in Africa	3,350,000
Central&West Africa Reg.	114,452,000
East Africa Regional	90,929,000
Africa Regional	466,711,000
West Berlin	131,881,000
European Regional	623,976,000
Pacific Islands (Trust Territories of the United States)	324,151,000
Oceana Regional	40,158,000
Interregional	29,830,000

Total U.S. foreign aid for the period 1946 through 1980, 229, 105,000,000

Total other U.S. loans and grants for the period 1946 through 1980. 47,476,000,000

Total foreign aid for fiscal year 1981 (estimated)9,886,000,000

Grand Total 286,467,000,000

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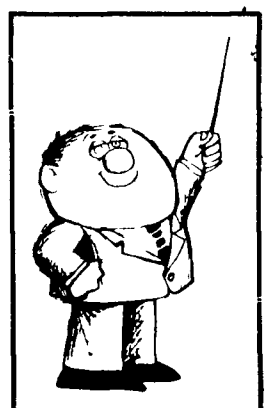

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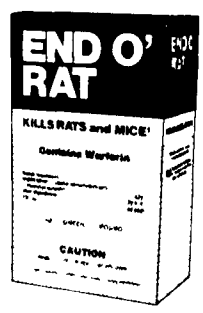

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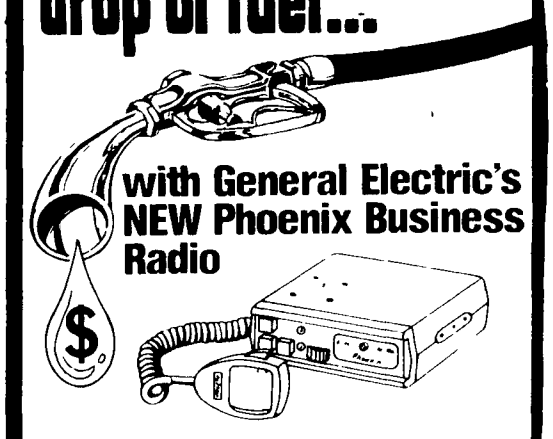

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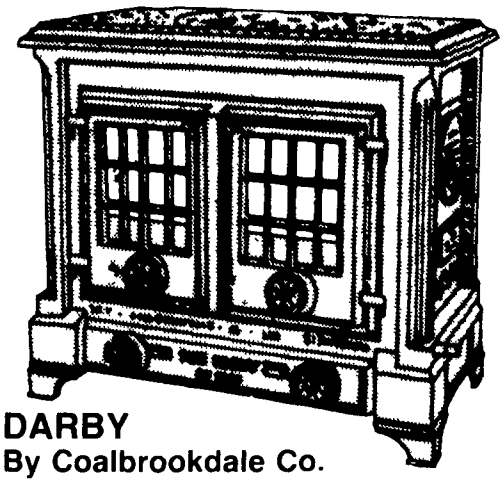

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Lancaster Co. Extension Classes

LANCASTER — The following educational activities have been scheduled through the Lancaster Co. Extension Office for the coming months.

All of the classes will be held in the Extension Training Center (unless indicated otherwise) which is located in the basement of the Farm and Home Center, 1383 Arcadia Road, Lancaster. Registration deadline for each of the activities is one full week before the meeting or the first of a series of workshops. Registration will be accepted on a first come basis. Unless contacted, please come to the meeting or the first class scheduled for the workshop in which enrolled. Please call the Extension Office if unable to attend a class.

In case of snow, listen to one of the Lancaster radio stations for notice of cancellation.

Clothing Construction Workshops

CLASSIC TAILORING FOR WOMEN- This workship has been designed for those individuals who are ready to master the more difficult techniques used to create a blazer or a coat using wool. You will be taught how to make a muslin as well as various methods of lining and underlining, bound buttonholes, welt pockets and many of the techniques used by the designers. INSTRUCTOR. Virginia Kloss. Cost: $20.00.

Workshop #1 - 9:30 - 11:30 a.m., January 23, 30, February 6, 13, 20 and 27.

QUICK AND EASY TAILORING FOR WOMEN- If you are one of the many women turning to home sewing to beat the high cost of ready-to-wear, we have designed a workshop just for you. This workshop is for the individual who has never tailored and would like to create a fashionable jacket and skirt this fall. You will be able to use a fabric of your choice and learn the quick and easy techniques used in ready-to-wear. INSTRUCTOR: Virginia Kloss. Cost: $20.00.

Workshop #2 - 7:00 - 9:00 p.m., January 24, 31, February 7, 14, 21 and 28.

SKIRTS UNLIMITED- Update your wardrobe and sewing techniques. Learn to successfully work with wool, plaids, linings and underlinings, Discover sewing techniques required for goodfitting wrapped, bias, straight and pleated skirts. INSTRUCTOR. Ruth Finkel. Cost: $17.00.

Workshop #3 - 9:30 - 11:30 a.m., March 19, 26, April 2, 9 and 16.

SHORT CUTS IN SEWING- Learn to cut your sewing time in half and still have a beautifully constructed garment. Update your sewing skills to meet the new demands of time and fashion. Many short cuts and speed construction will be demonstrated. INSTRUCTOR: Ruth Finkel. Cost. $12.00.

Workship #4 - 9:30 - 11:30 a.m., February 14, 21 and 28.

MEN'S PANTS- A series of four classes where you will learn the techniques to help you construct professional looking men's trousers. INSTRUCTOR: Virginia Kloss. Cost $14.00.

Workshop #5 - 9:30 - 11:30 a.m., March 7, 14, 21 and 28.

MEN'S JACKETS- This workshop is designed for those persons wanting to learn the techniques required to construct a man's wool jacket. INSTRUCTOR: Virginia Kloss. Cost: $20.00.

Workshop #6 - 7:00 - 9:00 p.m., March 20, 27, April 3, 10, 17 and 24.

BEGINNING SEWING- Are you one of those persons who always wanted to learn to sew? This course covers all the basics. Learn how to operate a sewing machine, choose correct pattern size, make alterations and make a skirt. Workshop includes lecture, demonstration and actual sewing time in class. Machine provided! Some sewing will need to be done at home. INSTRUCTOR: Michelle Rodgers. Cost: $5.00.

Workshop #7 - 1:00 - 3:00 p.m., January 25, 31, February 14, 21, 28.

ADVANCED BEGINNERS- This workshop is designed for those women who have conquered the basic skills in sewing and will pick up on the skills taught in beginning sewing. This workshop includes lecture, demonstration and actual sewing time in class. Complete a blouse through workshop. Bring your own machine if possible or call Michelle to make other arrangements. INSTRUCTOR: Michelle Rodgers. Cost: $5.00.

Workshop #8 - 1:00 - 3:00 p.m., April 11, 18, May 2, 7 and 16.

CORRECT FIT FOR TODAY'S FASHIONS- It seems that anything is now fashionable. However, any style, unless properly fit, can be disastrous. This course is a study in fitting. You will learn how to analyze your figure, adjust patterns accordingly and construct garments fitted to perfection. This will be your key to fitting commercial patterns. INSTRUCTOR: Doris Thomas. Cost $20.00. (Price includes textbook.)

Workshop #9 - 1:00 - 3:00 p.m. - January 23, 30, February 6, 13, 20 and 27.

PANTS THAT FIT- Pants are here to stay! Learn how to make your own basic pants pattern; designed to fit your figure, feel comfortable and flatter your appearance. The course will cover construction techniques used in quality ready-to-wear pants. INSTRUCTOR: Ruth Finkel. Cost: $25.00. (Price includes textbook.)

Workshop #10 - 9:30 - 11:00 a.m., January 23, 30, February 6, 13, 20 and 27.

ULTRASUEDE WORKSHOP- Have you fallen in love with the look of ultrasuede, but are afraid to use it because of the cost? If so, plan to attend this workshop and learn the techniques used in the ready-to-weartrade and make yourself something from ultrasuede at a fraction of what the cost would be in the shops. INSTRUCTOR: Doris Thomas. Cost: $6.00.

Workshop #11 - 7:00 - 9:00 p.m. February 8 and 15.

SEWING TIPS- WHAT THE PATTERN GUIDE DOESN'T TELL YOU- Want to learn a myriad of techniques that will help make your home sewing look more professional and at the same time, be more enjoyable? If so, register for one of the following workshops. INSTRUCTOR: Virginia Kloss. Cost. $4.00.

Workshop #12 - 9:30 - 11:30 a.m. March 13.

LINGERIE- Are you one of those people who would like to learn how to make your own lingerie? If so plan to attend this workshop where you will make a half-slip, panties and learn the construction tips required to make your lingerie. You will need to bring a machine to participate. INSTRUCTOR: Virginia Kloss. Cost: $6.00 (plus cost of supplies paid to Mrs. Kloss the day of the workshop.)

Workshop #13 - 9:30 - 2:30 p.m., April 4.

Foods and Nutrition

VALENTINE CANDY CLASS- Want to do something special for your sweetheart this year? In this class you will learn how to mold, dip and paint with chocolate, how to make chocolate covered cherries, and how to make "copy-cat" candy bars such as $100,000 bar, Watchmacallit, Summit, and Twix. INSTRUCTOR: Nancy Fasolt: Cost: $5.00. Class limit: 15.

Workshop #14 - 9:30 - 11:30 a.m., January 31.

Workshop #15 - 7:00 - 9:00 p.m., January 31.

TRUFFLES AND MARSHMALLOW- The truffle is the ultimate in candy with a silky rich melt-in-your-mouth quality. If you have never experienced the taste of homemade marshmallow, you are in for a true delight. You will make truffles and marshmallow in class, so bring your apron this time. Knowledge of dipping and molding are necessary for this class. A list of items to be brought to class will be sent upon registration. INSTRUCTOR. Nancy Fasolt. Cost. $6.00. Class limit: 10.

Workshop #16 - 9:00 - 11:30 a.m , March 13.

Workshop #17 - 1:00 - 3.30 p.m., March 13.

EASTER CANDY CLASS- Learn to make Easter eggs with dry and redi fondant. Learn to make a chocolate Easter basket and the goodies to fill it - lollipops, birds nests, eggs, peanut butter cups, painted and molded pieces.

(Turn to Page C5)

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Extension Classes

(Continued from Page C4)

Demonstration and class participation. INSTRUCTOR: Nancy Fasolt. Cost: $5.00. Class limit: 15.

Workshop #18 - 9:30 - 11:30 a.m , April 5.

Workshop #19 - 1.00 - 3:00 p.m., April 5.

Workshop #20 - 7:00 - 9·00 p.m., April 5.

PANORAMIC OR KEEPSAKE EGG- You will make and decorate a panoramic egg. This is a molded sugar egg that will be a lasting momento of Easter. The egg will have a window that will reveal a scene inside the egg Basic skills and supplies of cake decorating would be helpful. A list of supplies to be brought to class will be sent upon registration. INSTRUCTOR Nancy Fasolt. Cost: $5.00 Class limit: 15.

Workshop #21 - 9:30 - 11:30 a.m., March 8.

Workshop #22 - 1·00 - 3·00 p.m., March 8.

MAKE YOUR OWN PASTA- This workshop will teach you how to make your own pasta using a pasta maker. You will be delighted at how easy it is to prepare and how much better it tastes. INSTRUCTOR: Doris Thomas. Cost. $4.00.

Workshop #23 - 1:00 - 3.00 p.m., February 28.

Workshop #24 - 7:00 - 9:00 p.m , February 28.

WOK COOKING- If you received a wok as a Christmas gift, register for this class and learn the secrets of how to use your wok plus new recipe ideas. INSTRUCTOR Doris Thomas. Cost: $4.00.

Workshop #25 - 1:00 - 3:00 p.m., March 21.

Workshop #26 - 7:00 - 9:00 p.m., March 21.

BAKE YOUR OWN BREAD- Have you wanted to make your own bread, but have been afraid to try? If so, come to this workshop and learn the tricks and secrets of how you can become a bread baking expert. INSTRUCTOR: Doris Thomas. Cost: $4.00.

Workshop #27 - 1:00 - 3:00 p.m., March 7.

HOW TO GIVE A GINGERBREAD BIRTHDAY PARTY- You're invited to experience a housemaking birthday party so that you can learn to give a party for children, family or friends. Each class member will create a cookie house to take home. Materials supplied and included in cost. INSTRUCTOR: Patti Hudson. Cost: $15.00.

Workshop #28 - 1:00 - 3:00 p.m., April 12.

Workshop #29 - 7.00 - 9·00 p m., April 12.

FAMILY LIFE EDUCATION

PLEASE TOUCH MUSEUM FIELD TRIP- Join the bus trip to Philadelphia to this educational and entertaining museum. This is the only museum in the country designed specifically for children seven and younger. The museum is set up in different centers the children touch and become involved in. Leave the Farm and Home Center at 8:30 a.m. (promptly). Return by 3:00 p.m. Lunch will be on your own at King of Prussia Mall with choices from 12 eatries. COORDINATOR: Michelle Rodgers. Cost $7.50 (includes bus and museum).

Workshop #30 - April 10 (include number of children and adults going on reservation slip.)

MAKING VISITS COUNT - Many people have special family members and friends being cared for in a nursing home. Visiting these persons is sometimes difficult. There are ways to make your visits more meaningful and easier for everyone. Attend this session for some practical suggestions to help you and your family. INSTRUCTOR: Michelle Rodgers. Cost: Free

Workshop #31 - 7:00 - 9:00 p.m., February 27.

PARENTING - BACK TO BASICS- This series is offered in conjunction with St. Joseph's Hospital. A series of 5 workshops, including growth and development, nutrition, play and safety, when to call the doctor and infant and child stimulation. This series offers support and basic skills for all parents. Classes will be held at St. Joseph's Hospital Register by contacting Romaine Sneath, St. Joseph's Hospital, 291-8148. INSTRUCTOR: Michelle Rodgers and other health care professionals Cost: $15.00.

Workshop #32 - 7:00 - 9:00 p.m., March 5, 12, 19, 26, April 2.

CRAFTS FOR CREATIVE USE OF LEISURE TIME

MONOGRAMMING- Learn the art of monogramming with your sewing machine and make attractive items for your home and personalized gifts. You will need a zig-zag machine to participate. A list of supplies needed will be sent to those who register. INSTRUCTOR: Doris Thomas. Cost: $6.00. Class limit: 15.

Workshop #33 - 9:30 a.m. - 2.30 p.m., February 9.

MACHINE APPLIQUE- Do you admire articles, but have never had the time or patience to learn this ancient art? Then machine applique may be for you. You will learn the basics and make a wall hanging. You must bring a zig-zag machine and a bag lunch. A list of supplies will be sent upon registration. INSTRUCTOR: Doris Thomas. Cost: $6.00.

Workshop #34 - 9:30 a.m. - 2:30 p.m., March 15.

COUNTED CROSS STITCH- Learn the proper techniques for counted thread needlework. You will make a design in Aida cloth, which can be framed or inserted in a box top, trivet, cheeseboard, etc. Bring colored pens or pencils and scissors and a 3 or 4" embroidery hoop to class. INSTRUCTOR. Reba Gottscho. Cost: $7.00 (includes supplies). Class limit: 12

Workshop #35 - 9:30 - 11:30 a.m., April 3.

Workshop #36 - 1·00 - 3:00 p.m., April 3.

NET DARNING WORKSHOP- Net darning is done on 6-to-the inch polyester mesh fabric, weaving cotton thread (called filler yarn) into the meshes to form patterns, motifs and borders. This is not a difficult craft. It can be used to make placemats, doilies, curtains, pillows, clothing, aprons and Christmas decorations. Class project will be a placemat. INSTRUCTOR: Reba Gottscho. Cost: $6.00 (includes all supplies but scissors - BRING SCISSORS). Class limit: 12.

Workshop #37 - 9:30 - 11:30 a.m., March 8.

Workshop #38 - 1:00 - 3:00 p.m., March 8.

BEGINNING KNITTING WORKSHOP- This workshop is designed for those individuals who have never knit, but desire to learn. Join us and learn the basic techniques necessary to become a proficient knitter. INSTRUCTOR: Doris Thomas. Cost: $8.00 (includes all supplies).

Workshop #39 - 1:00 - 3:00 p.m., January 31 and February 7.

BEGINNING CROCHETING WORKSHOP: This workshop is designed for those individuals who want to learn this needleart. Join us and learn the basic skills required to become proficient at crocheting. INSTRUCTOR: Doris Thomas. Cost: $8.00 (includes all supplies).

Workshop #40 - 9:30 - 11:30 a.m., January 31 and February 7.

STRING QUILTED VEST WORKSHOP- Have you admired the String Quilted Vest in the shops, but were shocked by the price tag? If you would like to learn how they are made, plan to join us at this workshop You will need to bring a sewing machine to participate. A list of supplies will be sent upon registration. INSTRUCTOR: Doris Thomas. Cost $4.00.

Workshop #41 - 9:30 a.m. - 2:30 p.m., March 22.

ADVANCED MACHINE APPLIQUE: This workshop has been planned for those of you who have already learned the basics of machine applique. You will learn how to build a scene in applique which can be used on clothing, wall hangings, tote bags, etc. A list of supplies will be sent upon registration. INSTRUCTOR: Doris Thomas. Cost: $5.00.

Workshop #42 - 9:30 a.m. - 2:00 p.m., April 10.

HEMSTITCHING TECHNIQUES- This will be a simple notebook type of course, using linen fabric,

(Turn to Page C6)

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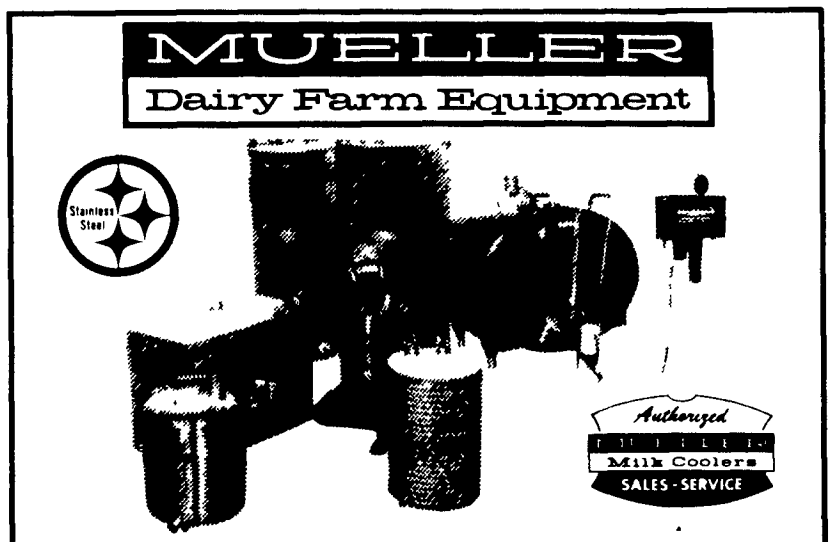
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Extension classes

(Continued from Page C5)

with a thread count of 20 to the inch. We will do hemstitching with a fringe, with a mitered hem and with drawn threads for double hemstitiching. Useful for finishing table linens, decorative accents for clothing, and curtains. This is not at all difficult and the only sewing tool required for this class is a good pair of small scissors with sharp points. INSTRUCTOR: Reba Gottscho. Cost: $5.00 (this includes supplies). Class limit: 12.

Workshop #43 - 9:30 - 11:30 a.m., February 14.

Workshop #44 - 1:00 - 3:00 p.m., February 14.

CHICKEN SCRATCH- It is a very simple form of Tenriffe Embroidery, super easy and fun! We will be working on Gerda fabric, an evenly woven gingham-like cotton, using only three very simple stitches. You can use this embroidery for clothing, table linens, curtains, pillows, anything decorative. Please bring a 7" or 8" embroidery hoop (an absolute must) and scissors. INSTRUCTOR: Reba Gottscho Cost $7.00 (includes all supplies). Class limit. 12

Workshop #45 - 9.30 - 11·30 a.m , March 21.

Workshop #46 - 1.00 - 3.00 p.m , March 21.

STENCILING- Learn the historic art of stenciling with today's paints and fabrics. This is a hands-On workshop where participants will learn to make their own stencils and will stencil on fabric. Other uses for stenciling demonstrated. Wear an old skirt or smock. Participants must BRING exacto or utility knife with new blade, pen that marks on plastic, ruler and 12" square of muslin. All other materials will be supplied. INSTRUCTOR: Michelle Rodgers. Cost: $5.00.

Workshop #47 - 1:00 - 3:00 p.m., February 2.

Workshop #48 - 7:00 - 9:00 p.m., February 2.

Workshop #49 - 9.30 - 11.30 a.m., March 7.

MOUNT AND FRAME YOUR OWN NEEDLEWORK- The cost of having needlework mounted professionally is very expensive. If you would like to learn how to mount your own needlework, register for one of the workshops listed below during which you will be taught how to do it, and have time to actually mount a piece of your work. INSTRUCTOR: Reba Gottscho. Cost: $8.00 (includes most of the supplies required) Class limit: 12.

Workshop #50 - 9:30 - 11.30 a.m., February 21.

Workshop #51 - 1:00 - 3:00 p.m., February 21.

SEMINOLE PATCHWORK- This unique form of patchwork orginated with the Seminole Indians and has become an American tradition. The technique combines bands of solid colored fabric with minutely, and intricately pieced patchwork bands to form rows of tumbling symetric squares, rectangles and diamonds. Attend this workshop and learn how you can make enough patchwork in a few hours to trim a jacket, jumper or handsome skirt. You will need to bring a sewing machine A list of supplies will be sent to those who register INSTRUCTOR. Doris Thomas. Cost $5.00.

Workshop #52 - 9 30 a m - 2 30 p.m , February 22.

HOUSING AND HOME EQUIPMENT

MICROWAVING IN THE 80'S- Did Santa bring you a microwave or do you have one that you don't use to its capacity? This workshop covers the basics of how it works, utensils, cooking techniques and some basic recipes. INSTRUCTOR: Michelle Rodgers. Cost: $3.00.

Workshop #53 - 7:00 - 9:00 p.m., February 16.

Workshop #54 - 9:30 - 11:30 a.m., February 17.

FOOD PROCESSOR- Did you receive a food processor from Santa or do you have one that you don't use very often? This workshop will help you learn how to use a food processor and realize that it is like having an extra pair of hands in your kitchen. INSTRUCTOR: Doris Thomas. Cost: $3.00.

Workshop #55 - 1:00 - 3:00 p.m., February 2

Workshop #56 - 7:00 - 9:00 p.m , February 2

Manure sessions planned

LANCASTER — To a farmer, manure can be a source of valuable plant nutrients, a disposal headache, or a potential pollutant How he views it depends largely upon the facilities and equipment he has to handle it, and how well he utilizes it.

Are you considering a swine or dairy manure storage and handling system to replace the chore of too frequent hauling? - or to cut down on nutrient losses, or to reduce fertilizer purchases, pollution, and problems with flies and odors? Are you considering some of the newer gravity concepts for handling manure? If so, you should be planning ahead and learning as much as possible now, before making a decision.

Three manure management meetings will be conducted by the Penn State Extension Service throughout southeastern Pennsylvania from 9·00 a.m. to 3·00 p.m. as follows:

January 31 - Farm and Home Center, Lancaster No reservations needed. Lunch tickets available till 11.00 a.m

February 1 - Embers Restaurant, Carlisle For registration form, call 717-249-7220

February 2 - Friendship Fire Hall, Lebanon For registration form, call 717-274-2801, Ext 346

Farmers are invited to attend the meeting of their choice Cost, including lunch, is $5.00. Registration forms may also be available from your local Extension Agent.

Exhibits will be present. The morning session will feature discussions on manure storage and handling systlems. The afternoon sessions will focus on managing manure to get the greatest benefits from it and to minimize pollution.

A typical dairy cow produces about 20 tons of manure per year which contain about 200-60-100 pounds of N-P_2O_5-K_2O. If properly utilized, aobut $50 worth of these nutrients are available to crops the first year, and additional nutrients and benefits continue to be available in subsequent years.

Most farmers don't realize that often more nutrients come onto the farm in the form of purchased feed than from purchased fertilizer About 75% of the nutrients in feed can remain in the manure and be available for field application. This is a valuable source of plant nutrients If ignored or mismanaged, this can result in unnecessary fertilizer purchases, soil nutrient imbalances and resultant reduction in crop yields, and various forms of pollution

This is a sampling of some of the concerns that will be discussed at the meetings. Penn State Extension Specialists, participating on the program are: engineers Robert Graves and Daniel Meyer, plus agronomists Douglas Beegle and Raymond Shipp

Chester Dairy Day set for Feb. 1

WEST CHESTER — The 1984 Chester County Dairy Day sponsored by the Chester County Extension Service and Hamilton Bank will be held on Wednesday, Feb. 1st at the Guthriesville Firehall.

The doors will open at 9 a.m. which will allow producers to visit the commercial exhibits and register for the days events. The program will begin at 9:45 a.m. and conclude around 3 p.m. Cost for the day will be $1.00. Registration is required by Wednesday, January 25th and can be made by calling the Extension Office at (215) 696-3500.

Featured speakers include Mike O'Connor and Jud Hendricks, Penn State University dairy specialists who will touch on nutrition affecting reproduction, calf and heifer management and computers. Jack Kirkland, Penn State University dairy marketing specialist, will bring producers up to date on the subsidy issues, etc.

All dairy producers and those interested in dairy are welcome to attend. For further information, contact Cheryl A. Fairbairn, county agricultural agent at (215) 696-3500.

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The Farm Building Specialists

Scientist probes light effect on plants

BELTSVILLE, Md. — At precisely 8 a.m., plant physiologist Steven Britz opened the door of the growth chamber, a large metal box somewhat smaller than a walk-in freezer, and switched on the lights.

Then he opened wooden boxes inside the chamber. In the pots inside the boxes, grass grew 14 inches high.

Within an hour, Britz began harvesting Pangola grass, a forage crop grown in warm climates worldwide. This is part of his research work at the Beltsville Research Center of the U.S. Department of Agriculture.

Britz wanted to find out how each grass plant handled the internal distribution of soluble sugars and starch, the food plants manufactured by photosynthesis, using energy from sunlight. To do this, Britz measured the size of each plant's leaves and then the amount of starch stored in each leaf.

A plant stores some of the products of photosynthesis as starch in the leaves and moves some, as sugar, into other parts of the plant. Britz knew that the length of daylight controls the amount of starch stored in leaves — in other words, that starch storage is photoperiodic. Many changes in plants, such as flowering, are controlled by the length of daylight.

But the USDA Agricultural Research Service scientist wanted to know:

"Is there a particular day length that affects the plant's starch-storage machinery?"

Britz had chosen to seek the answer in Pangola grass because that plant has the same rate of photosynthesis no matter what the day length. The amount of starch which is stored in leaves, however, would depend on the length of the previous day.

The scientist had exposed several pots of the grass to seven hours of light the previous day, some to 16 hours, and others to varying times in between.

Now, as the time came to harvest the grass and measure its starch content, he removed the first potted plant and placed it on a table. It was 9:03 a.m. Carefully, he selected just the youngest mature leaves, then picked them off by hand and piled them neatly beside a small box which measured the exact surface area of each leaf.

"I'm sorry, but I won't be talking for awhile," Britz interrupted his concentration to explain. "In experiments, there usually are concentrated bursts of activity like this."

As two research assistants fed the individual leaves past a photo-electric cell in the measuring device, a digital dial on the box blinked out the informaiton that the first plant's leaf surface totaled 215.19 square centimeters. Another registered 242.24 square centimeters, still another 163.69.

Seldom have grass clippings been handled with such care. None it seemed, could be mislaid before or after their measurement and storage in a nearby container of liquid nitrogen. A few days after the harvest and freezing, the starch content of the leaves would be determined.

Perhaps realizing that such are with grass clippings might seem unreasonable to an observer, Britz said: "If there is one thing that makes me unhappy, it is fuzzy data — numbers that don't provide a clear cut result."

By 10:24 a.m., half of the grass had been picked, measured and frozen. The other half would be harvested in the afternoon, beginning precisely at 2 p.m. Britz then could calculate the rate of starch storage in its leaves for the intervening five hours.

For now, there was time for Britz to take a coffee break and discuss his career.

Curiosity about the effect of light on plants had burned inside him for more than half of his 32 years. Striving to find nuggets or truth about the relationship of light to plants began for the scientist with a high school science experiment in Cherry Hill, N.J.

"After that," he recalled, "I considered medical research, but plants held my interest. Their dependence on light and the many different ways they react to light fascinated me."

The plant kingdom unfolded many of its secrets to him.

Plants, as Britz came to know them, are not simply room ornaments or something to eat but are complicated organisms with electrons shuttling back and forth between molecules; enzymes digesting some compounds and creating others, and live "plumbing" which carries plant food manufactured in the leaves to all parts of the plant, such as roots and seeds. They are organisms of boundless complexity and challenge.

Back in his office, Britz was pleased to find a letter from friends in Germany, where he had studied for a year. Also, he put aside some newly arrived scientific journals for browsing later.

"Keeping up on experimentation around the world is an important part of the job," he said. Later that day, he would be briefing a Japanese colleague on his experiments.

Before beginning another experiment that day, the sixth he would be conducting simultaneously, Britz explained his current goals.

"I want to know more about partitioning, that is, how plants decide where to send the products of photosynthesis," he said.

Such curiosity, he believes, will benefit people in the years ahead as he and other plant investigators uncover important secrets of nature which will lead to more and better food.

Extensive experiments in partitioning in potatoes were conducted at the University of Wisconsin, where a famous type of laboratory called a biotron provides a controlled environment for experiments for both plants and animals. In North Carolina, phytotrons (a "biotron" for plants only) provide controlled environments for other experiments, such as the effect of variable light periods and temperatures on potatoes. The phytotrons are located at North Carolina State University and Duke University.

If a food producer knew the secrets of partitioning, Britz believes, he or she could cultivate plants in such a way, say, that ears of corn would become bigger, or cassava roots (a major source of good in developing countries) would grow larger, or forage grasses such as Pangola grass would grow more nutritious leaves.

A half million acres of Pangola grass are grown in the southeastern United States alone. Anything that improves Pangola grass could affect beef supplies worldwide.

In other words, the energy of the sun and the seemingly endless raw materials of ordinary air could be targeted to those parts of plants which humanity finds most useful.

Already, Britz has found that if day length is increased by two hours, the storage of starch in leaves is reduced by one-half.

"The more starch plants retain in the leaves, the less there is to transport to other parts of the plant," said Britz. "That may be beneficial in a crop where the leaves are eaten but disadvantageous in a crop where some other part is harvested."

Britz wants to find those parts of the plant — those photoereceptors — which act as switches in the partitioning process under the influence of light and darkness. Light, as we generally see it, is a combination of colors ranging from red to violet. Each kind of photoreceptor in a plant responds to a particular color of light.

"Knowing which colors of light activate which processes, such as starch storage, helps us understand the chemical make-up of receptors and how they work," said Britz as he turned to a separate experiment on the effect of light on pea plants.

Once again, as the interviewer left, Britz was absorbed in his world of plants and light.

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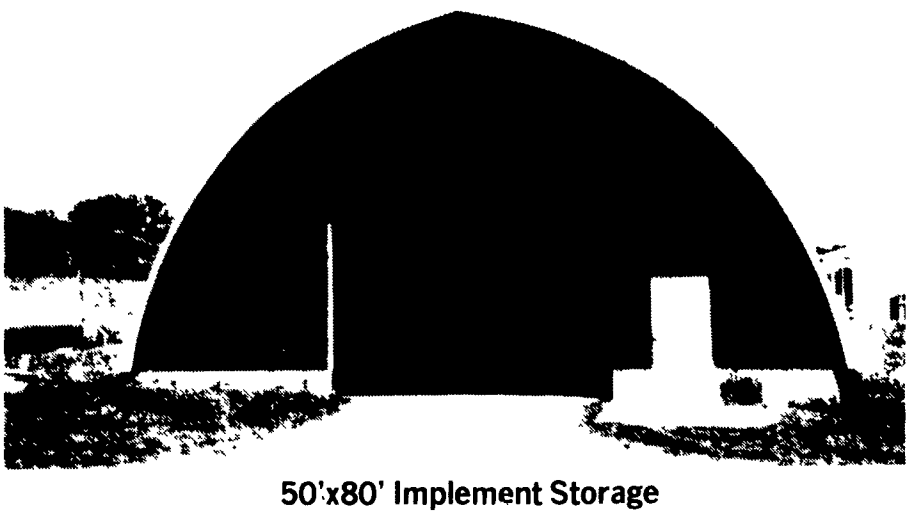

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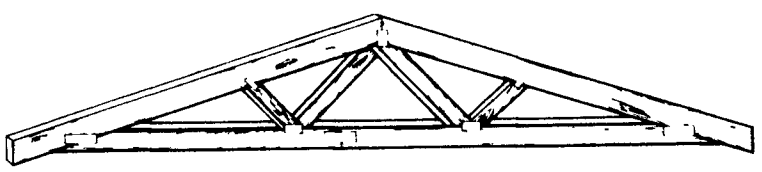

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Some conditions require more phosphate

MADISON, Wisc. — Farmers may improve yields by applying additional phosphate on soils already high in phosphorus, says E.E. Schulte of the University of Wisconsin-Madison Soil Science Department.

"Though a soil may have a high amount of phosphorus in it, farmers should consider row application of additional phosphate under certain soil conditions," he states.

Added phosphate can help in soils that are cold at planting time; soils with a high-phosphorus-fixation capacity; and acid soils, explains Schulte. It can also aid plants with shallow roots, he adds.

"Recent tests have shown that row phosphorus application can increase yield if done correctly," he remarks. "This, of course, can put extra money into farmers' pockets.

"Though these experiments were done with dry fertilizer, research shows that similar results can be expected from fluid fertilizer," Schulte says.

Phosphate in fluid fertilizers is 100 perent water soluable and more readily available for plant uptake when applied as a solution, compared to dry fertilizers which can be as low as 14 percent. Fluid application also provides the farmer with exacting formulations and easier handling for timely application.

Cold soils

Row-applied phosphate is especially helpful in cold climates or during early spring planting, notes Schulte.

"Roots develop slowly in cold soil," he says, "so a high concentration of phosphate close to the roots will help increase phosphorus intake.

"The additional phosphate will give the plant nutrients that are otherwise slow in coming under these soil conditions," he remarks. "As the soil warms, roots will then draw from the phosphorus already there."

Also, adds Schulte, cool soil slows down the micro-organisms that break down organic phosphorus in the crop residues and soil organic matter.

He points to a test run recently in Marshfield, Wisc., where corn was planted early in the spring in 54-degree temperatures in high-test phosphorus soil. Compared to corn where row-applied phosphorus was not added, corn with additional phosphate showed increased yields from 15 to 34 bushels an acre.

"This is important to farmers who need to plant early to get the most from short growing seasons," says Schulte, "and for those in the South who doublecrop.

"Farmers may want to use more phosphate on soils that warm slowly later in the spring because they retain water or are clayey," he notes. "Soils on northern slopes also warm later because they don't receive direct sunlight."

He remarks that phosphorus application could also help in high phosphorus no-till fields where crop residues retain water and shade the soil. Both of these factors, says Schulte, reduce soil temperatures.

Acid soils

Strongly acid soils absorb phosphorus from the soil solution and form insoluble phosphates that plants cannot utilize. Like cool soil, acid soil also slows micro-organism activity that breaks down organic phosphorus into forms that plants can re-use.

These are cases where additional phosphate can help young plant growth by providing a readily available source of phosphorus close to the developing roots, says Schulte.

In recent tests in Arlington, Wisc., lime and row-applied phosphorus were used on acid soil. Corn grain yields were increased both by liming and applying row phosphorus, but the highest yield was obtained where row phosphorus and lime were applied, illustrating the connection between soil acidity and phosphorus availability, notes Schulte.

"Soils with a high fixation capacity should also benefit from row-applied phosphate," he states. "Phosphate applied in a narrow band comes into contact with less soil and, therefore, is less likely to become 'fixed' in unavailable form."

Shallow-rooted plants

Shallow-rooted plants are also likely to respond to row phosphorus in high-test phosphorus fields, says Schulte.

"With short roots, the plant is not able to gather as much phosphorus from the soil," he explains, "so added phosphorus can help the plant get the nutrients it needs and aid yield production."

Schulte also points out that additional phosphorus can hasten plant maturity and reduce grain moisture at harvest time.

"Tests have shown that added phosphorus can result in up to five percent moisture reduction," he adds. "This can save the farmer a significant amount of money at drying time and also give him a more timely harvest."

Schulte concludes that it is important for farmers to know their soil and know how best to treat it for maximum yields and profit.

Even in high phosphate soils, row applied phosphate can help plant roots and shoots develop in soils that are cold due to early planting, cold spring temperatures or high residue/no till conditions.

Penn State plans forestry sessions

UNIVERSITY PARK — Penn State's School of Forest Resources and the Cooperative Extension Service is sponsoring two sessions to assist forest landowners and managers.

The First "Forest Management and Water Quality" has been chosen as the topic for the 1984 Forestry Issures Conference scheduled for March 13 and 14 at the Keller Conference Center. Increased management and harvesting are accentuating the importance of implementing sound practices to protect water quality.

The program will be comprehensive, discussing the water resources base, water quality terminology and the laws that deal with nonpoint-pollution. Speakers will also provide information relating to road construction and design, cable logging, alternative forest access systems, the impact of silvicultural systems, effects of whole tree harvesting, movement and persistence of forest management chemical and forest recreational uses. Municipal watershed management, acid rain impacts, waste water and sludge applications in the forest and fisheries management will be covered under discussions of special use situations.

This Conference will be useful to forest managers or anyone who is interested in protecting water quality. For more information, contact the Ag Conference Coordinator, J.O. Keller Conference Center, University Park, PA 16802 or Forest Resources Extension, 110 Ferguson Bldg., University Park, PA 16802 (814-863-0401)

The second session will be a five-day intensive short course in forest management for private woodland owners and will be held at the University Park Campus of Penn State on July 23-27. Instructors of the course will be Jim Grace and Jim Finley of the School of Forest Resources and the Cooperative Extension Service. Prerequisite for the course is an interest in managing forestland.

No prior training in forestry is required of participants and topics covered will include dendrology, forest measurements, basic sulviculture and produce marketing. The course will be limited to 30 students. Further information may be obtained by contacting Forest Resources Extension. Registration materials will be available at University Park and Berks County Extension Office in the spring.

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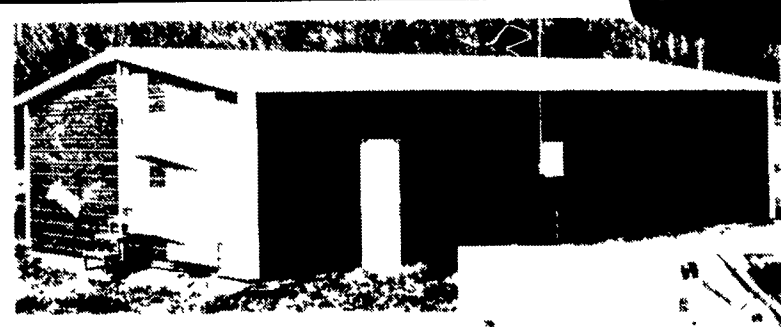

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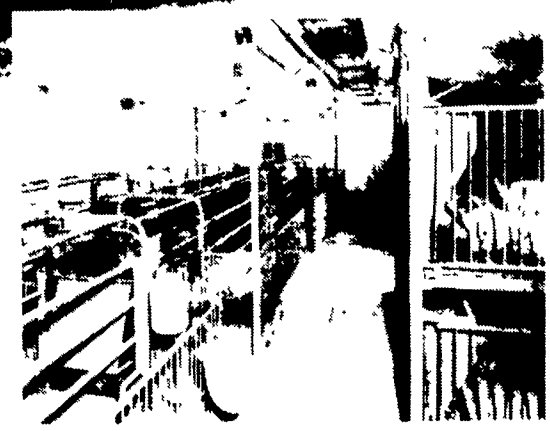

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Soil microbes perform essential function

DEKALB, Il. — Actinomycetes, Rhizobium japonicum, Azotobacter: These names may be confusing but actually are part of nature's most basic forms of life sometimes called microbes and include bacteria, fungi, and viruses.

The word "bacteria" usually causes thoughts of sick animals or dying crops. Dairy and beef farmers though, are aware that bacteria are the key to successful silage making and, depending on the species, bacteria contribute to many varieties of tasty cheeses.

Just as important to farmers as these activities are the processes microbes cause in the field. Imagine how difficult it would be to plant a crop if all the cornstalks, cobs, straw, etc. that were ever produced hadn't decayed! Unfortunately, some of these decay-causing microbes are also responsible for stalk, root or ear rots.

Many microbes are friendly because they decompose crop residues and animal waste so that future plants and animals may utilize the nutrients contained in those residues. Before the residues are completely broken down they become an important component of the soil called organic matter.

Besides recycling nutrients contained in crop residues, microbes themselves serve as a vast reservoir of nutrients that are made available to plants as the mocrobes die and decompose. Generally, the vast majority of these microbes live and die in the soil profile where the roots of living plants obtain most of their water and nutrients.

Microbes also help make nutrients available from the insoluble, inorganic components of soil by creating acids that react with these components. This process also converts various farmer-applied fertilizers to soluble forms that plants can use. Phosphorus, potassium, calcium, magnesium, sulfur, manganese, and iron are some of the elements affected by acid-producing bacteria.

A very important plant nutrient, nitrogen, is affected by many soil microbes. Most of us think of the nitrogen produced by various species of Rhizobia bacteria that infect the roots of legumes. However, there are bacteria in the soil that can fix nitrogen without legumes being present.

Other soil microbes can cause loss of the nitrogen fixed by bacteria, the nitrogen applied by the farmer, or the nitrogen released by the decomposition of crop residues and manure.

In recent years agricultural scientists have discovered that soil microbes are responsible for some unexpected "failures" of herbicides and insecticides. Since most pesticides are organic compounds that contain essential elements like carbon, hydrogen, nitrogen, and sulfur, it really isn't too surpising to find that some microbes can utilize these compounds as a food source.

Generally, failures of insecticides and herbicides result from a conditioning of the soil by repeated use of a certain product, or chemically related products, for two or more years. With an abundant food source and favorable environment, bacteria that feed on these chemicals increase populations to levels that break down the chemicals before they can do their job. For this reason farmers are advised to alternate between different "families" of chemicals.

How can farmers affect the beneficial microbes previously discussed? One inexpensive and easily corrected factor that improves the environment for microbes is pH. Fortunately, the optimum pH for beneficial microbes is the same as for most agricultural crops. Soil test every three years and bring pH to 6.5 to 7.0. Adequate aeration and drainage will also optimize the work of those billions of hired hands that answer to names like Actinomycetes, Rhizobia, Azotobacter, and bird's nest fungi.

Milk program offers incentive payments

YORK — In compliance with 1983 farm legislation, the Agricultural Stabilization and Conservation Service announced the new Milk Diversion Program, effective January 1, 1984. The new program establishes an incentive payment for eligible dairy farmers of $10 per hundredweight to reduce their commercial milk sales, according to Wilson Nace Chairman of York County Agricultural Stabilization and Conservation Committee.

To be eligible for the program, the farmer must establish a milk base and submit a milk reduction plan to our office no later than January 27, 1984, and sign a USDA milk diversion contract by January 31, 1984. ASCS is encouraging dairymen to visit the office early in January or call for an appointment. Eligibility standards require the farmer to be a milk producer in one of the 48 contiguous States; he actively engaged in milk production as of November 29, 1983; and not have transferred to any person, dairy cows which would or could have been used for milk production in the U.S., after November 8, except as allowed in the transfer provisions of the program.

The milk base is determined from the producer's 1982 commercial milk marketings, or the average of such marketings for 1981 and 1982, whichever the milk producer selects. Under the contract, the milk producer must reduce marketings from 5 to 30 percent between January 1, 1984 and March 31, 1985. The milk reduction plans show how the producer plans to achieve the required marketing reductions and includes an estimate of the protion of the reduction to be achieved through increased slaughter of dairy cows including the number of dairy cows to be sold for slaughter during each month of the contract.

The Milk Diversion contract percentage reduction agreed to by the producer will be binding except that the Secretary of Agriculture may reduce the percentage if producer participation would cause excessive reduction in milk supplies. The minimum reduction of 5% will not be reduced. Final contract decisions by the Secretary are expected by the end of February 1984.

Triticale comments requested

WASHINGTON, D.C. — As part of its periodic regulatory review process, the U.S. Department of Agriculture is requesting public comment on triticale standards.

Triticale is a cereal grain which is a cross between rye and wheat.

Kenneth A. Gilles, administrator of USDA's Federal Grain Inspection Service, said USDA has identified three specific questions to be resolved. They are:

— Should the allowable limits for castor beans in the numerical grades be tightened from two to one? For example, two seeds will render triticale Sample grade.

— Should the presence of an extreme amount of smut be deleted as a factor rendering triticale Sample grade?

— Should the standards be eliminated, or is there sufficient need to retain them?

USDA periodically schedules regulatory reviews to determine the effectiveness of the U.S. grain standards and their responsiveness to the needs of the grain industry. USDA seeks comments to help the agency study and evaluate present marketing and grading practices relating to the standards and to develop recommendations for change.

Written comments should be sent in duplicate by Feb. 21 to Lewis Lebakken, Jr., Information Resources Management Branch, USDA FGIS, Rm. 0677-S, Washington, D.C. 20250; telephone (202) 382-1738.

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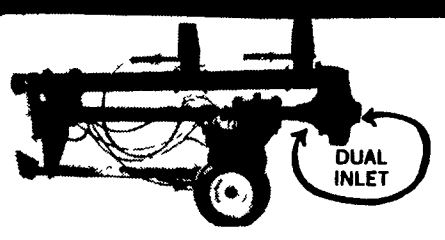

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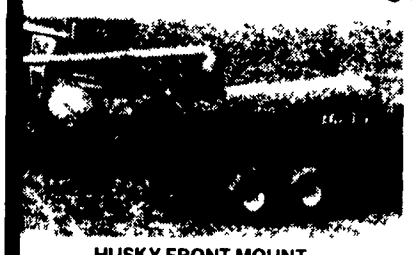

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Oliver 1750 diesel, like new condition. 814-793-4293.

IH 656 wide front 3 pt. 814-793-4293.

MF 175 diesel, wide front, multi-power. 814-793-4293.

JD 4320 wide front, 18.4-38 tires, dual remotes. 814-793-4293.

MF 1080 diesel, with front, multi-power, dual hydraulics 814-793-4293.

Minneapolis Moline G900 diesel, original paint, like new. 814-793-4293.

MF 65 diesel, 3 pt. hitch, wide front. 814-793-4293.

MF 65 diesel, 3 pt. hitch, wide front. 814-793-4293.

JD 4230 4 post roll guard, dual hyd., 2000 hours. 814-793-4293.

Oliver 1950T cab and air, dual hyd., original paint. 814-793-4293.

Oliver 1600 diesel, wide point, 3 pt., 814-793-4293.

FARM EQUIPMENT

Wanted to buy - Liquid fertilizer tanks, brackets, and plumbing for JD 7000 corn planter, 6 row. 717-837-0724 Snyder Co.

IH 2000 loader with 88 inch slip-on snow bucket, very good condition. Berks Co. 215-944-9606.

For Sale - Case 2390 Tractor w/1000 hrs. Krause Disc 25', all in very good condition. Field ready. 302-856-2772 or 856-7653.

For Sale - FH 880 tub grinder, excellent condition, 703-234-9330.

3 International UD18 diesel power units, 2 will run but need overhauled, 1 for parts, $1500 for all. 3 log Aug screw type wood splitters. Robert Hoover Sawmill, R.D. 9, York, 17402. 717-246-1786.

Kuhn Hay Tedder 12'. 814-472-9660.

JD 4010 Diesel $4500; Oliver 1850D $3500; MM G955 95 HP $4800, others to choose from, 717-458-4573, Dennis Fry, Rt. 118.

JD 44 spreader, 3 beater, 180 bushel, like new $1500, 717-458-4573.

For Sale - Myers snow plow 7½' w/frame to fit JD tractor model 2640. 215-584-5550.

FARM EQUIPMENT

JD 4010 gas WF 2400 hrs., JD 40 w/2 row cultivator, $1700. JD 1240 plate corn planter dry fertilizer insecticide, $800. Tew Veg fruit washer dryer grader like new, $3000. 201-647-0552.

For Sale - 14' Badger self-unloading wagon with roof new cross conveyor $900; 479 NH haybine $900; IH 440 baler with thrower, new 2½" round steel turbine, 17 cents a pound, Berks Co., Frystown, 717-933-8943.

1020 JD diesel with 145 loader. Good condition. $5,500; Oliver 70 original lites, gauges and switches with semi mounted mower. $750, good condition; 6-row JD liquid planter with monitor, $350; Mid-west planter harrow for 4-6 row planter, $125. 717-534-1253.

WANTED 3 row 30" Corn head for J.D. 45 Combine. Call Bill Days 302-421-6601 Nights 302-834-7843.

Badger silo unloader for parts. 215-377-4549.

2 1970 IH trucks for parts or repair. Best offer. 215-377-4549.

JD LA wanted to buy for parts, call 301-862-2821 after 4 pm.

FARM EQUIPMENT

IH 3400 Backhoe Loader. 717-933-5734.

For Sale - IH 475 19' wing transport disc, $2900. Athens 131 11' heavy duty transport disc, $1400. Ford 140 toggle trip 18" 3 bottom fully mounted, high clearance plow, $950. 6000 gallon tanker trailer, new caps, road worthy with a little work, $1800 or $800 without tires and wheels. 717-837-0724 Snyder County.

For Sale - JD 544 front end blade, H.D. 90-180 HP for earth or snow, like new, 717-733-4516.

For Sale - White 2-135 tractor, air, heat, AM-FM, quick hitch, full weights, 20.8x38, w/wo duals, under 1200 hours, excellent condition. 215-298-2774.

For Sale - JD 660 sidehill combine, air, heat, monitor straw spreader, weights, with 213 grain and 444 corn heads. Under 1400 hours, excellent condition. 215-298-2774.

AC grain drill $350; tool bar fertilizer attachment $250 6 round hog feeders $100 each; JD #7 corn harvester $750 or best offer, 717-626-6805.

FARM EQUIPMENT

For Sale - Popular 4 Auger stationary mixer with electronic scales used one year. Will deliver and guarantee for less than ½ new price. 717-758-2136.

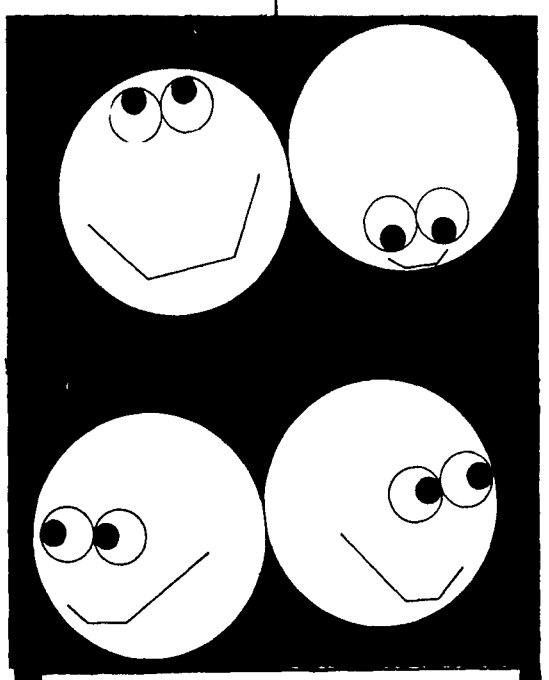
For Sale - Custom built 2 row corn planters using J.D. Max-Emerge units. Pull-type or 3 point with or w/O fertilizer attachment. No-till or conventional. Pequea planter. Gideon F. Stoltzfus, RD#2, Box 2276 Gap, Pa. 17527.

500 E Crawler, like new, $10,900; International power unit w/clutch, $375; 900 x 16 tires, $45; 2 ton Yale forklift, preamatic tires, $2,000; 55 gal. drums clear varnish, $100 drum or small lots $2.00 gallon; small generator, no motor, $150; 18' Glasspar boat w/115 h.p. motor, 40 hrs. on motor, $3,900 717-733-3980.

Wanted - 350 Farmall Diesel any condition, Bucks Co., 215-348-3196, after 7 PM.

IRRIGATION PIPE - 24-6"x3" and 12-5"x3" Tico Valving Stations. 5000' of 4"x40' pipe w/Rainbird 40B sprinklers. 717-532-9108.

Cat 933G Loader. 717-933-5734.



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YOU'LL FIND IT IN LANCASTER FARMING'S CLASSIFIEDS

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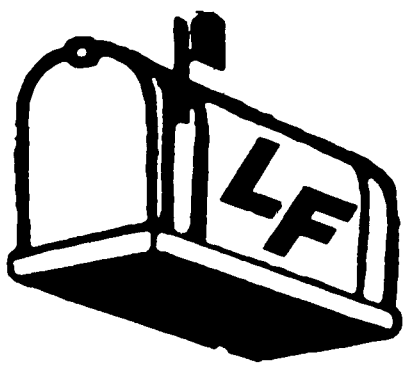

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MAIL TO:
LANCASTER FARMING
P.O. Box 366, Lititz, PA 17543

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DEADLINE: 9 A.M. THURSDAY OF EACH WEEK'S PUBLICATION

RATES: 20¢ Per Word, $2.40 Minimum Charge

For ads running 3 or more consecutive times with no change deduct 20 percent discount. (See rate chart at beginning of classified section for an example of discount.)

1	2	3	4
5	6	7	8
9	10	11	12-$2.40
13-$2.60	14-$2.80	15-$3.00	16-$3.20
17-$3.40	18-$3.60	19-$3.80	20-$4.00
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25-$5.00	26-$5.20	27-$5.40	28-$5.60
29-$5.80	30-$6.00	31-$6.20	32-$6.40
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LOCAL CLASSIFIED ADVERTISING RATES

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Use This Handy Chart To Figure Your Cost

Words	1 Issue	3 Issues
12 or Less	2 40	5 76
13	2 60	6 24
14	2 80	6 72
15	3 00	7 20
16	3 20	7 68
17	3 40	8 16
18	3 60	8 64
19	3 80	9 12
20	4 00	9 60

KEYED ADS (ads with answer coming to a Box Number, c/o Lancaster Farming) 50 cents additional

Ads running 3 or more consecutive times with no change billed at 20 per cent discount

This newspaper will not be responsible for more than one incorrect insertion of any advertisement

Lancaster Farming
P O Box 366
Lititz, PA 17543
717 394 3047
or Lititz
717 626 1164

FARM EQUIPMENT

Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164

Combine, Harvester and Corn Head Parts For Sale off used machines. Wenger's. 717-866-2135.

Farm tires and tubes, fronts, rears and implements, low, low prices, Eddie's Tire Outlet, Willow Street, PA 717-464-5008 or Chambersburg, PH: 717-263-0013. Wilmington, DE 302-655-8500.

Used Farm Tractor Parts by the thousands. Wenger's. 717-866-2135.

Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518. 215-385-3884

Chisholm - Ryder snap bean harvesters, all machines complete w/hyd. dump boxes, recond. and painted, 609-769-3183.

For Sale - 1956 Hough 4 wheel loader, model HO22A, $6,800. Myers 500 gallon double blast ag sprayer, mounted on Reo 6x6 army truck, $8,500. 34' Fruehauf self-contained live bottom trailer, $1,900. 2 Smitley range feeders, 4 ton capacity, one good $400, 717-473-3031 8-5 PM 717-473-3852 evenings.

For Sale - Hesston 12' Hydro swing haybine, good cond., 215-944-0791.

3300 JD combine, like new, 427 hours; JD 38 harvester w/pickup. Good condition, 814-926-3669.

Clay manager ranger, Electric silage cart, like new, used less than one year. 717-949-3074.

NI #12 manure spreader Syracuse 2 way plow, exc. cond.; AC C tractor 717-949-3074.

For Sale - Franklin County, PA - 1972 JD 4620 with 18.4x38 duals, side console, no cab; 1982 Glenco SS 9 soil saver; JD F350 6x16 auto reset plow, furrow hitch, 400 gal. Kuker saddle tank sprayer with disc kit for liquid fertilizer, complete 1 year old. 717-273-1872, prefer evenings.

The following categories are available for your classified advertising in Section C. Deadline-Thursday morning at 9 of each week's publication

- Farm Equipment
- Silos & Unloaders
- Buildings & Supplies
- Grain Equipment
- Dairy Equipment
- Livestock Equipment & Supplies
- Cattle
- Horses & Mules
- Sheep & Goats
- Swine
- Artificial Breeding
- Hog Equipment & Supplies
- Poultry & Supplies
- Feed & Seed
- Fertilizer
- Plants
- Fruits & Vegetables
- Nursery
- Lawn & Garden
- Services Offered
- Custom Work
- Help Wanted
- Situations Wanted
- Business Opportunity
- Autos
- Recreational Vehicles
- Notice
- Lost
- Found
- Pets
- Household
- Miscellaneous
- Computers

The following categories are available for your classified advertising. in Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

- Real Estate
- Trucks & Trailers

FARM EQUIPMENT

Oliver 1950T cab and air, dual hyd., original paint, 814-793-4293.

6600 John Deere Hillside combine, excellent condition, $17,500. 219-862-2151.

USED TRACTOR PARTS, also rebuilt clutches and torques. We ship UPS. Hill-T Farm Sales & Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346. 513-548-0718.

Gehl 6' Rotary Mower Pull Type $625; Pollard 5 Wheel Rake, $450; Case 38 Plow $350; 5' rotary mower (demo) $525; MF 28 16" Plow $325; All equipment is in good to excellent shape. 717-687-0102 Lancaster Co.

Oliver 1750 diesel, like new condition. 814-793-4293.

JD 4020 power shift, dual hydraulics. 814-793-4293.

MF 1080 diesel, wide front, multi-power, dual hydraulics. 814-793-4293.

Minneapolis Moline G900 diesel, original paint, like new. 814-793-4293.

MF 65 diesel, 3 pt. hitch, wide front. 814-793-4293.

G-1000 M/M very good condition, Case 800 3 pt. hitch w/PS. 301-833-1847.

1972 Ashley rubber tired front end loader. Also has mounts for grader, make offer, 215-385-3884.

For Sale - IH 1456 w/cab, duals and PTO, good condition. 717-464-3697

IH 656 wide front 3 pt. 814-793-4293.

MF 175 diesel, wide front, multi-power 814-793-4293.

JD 4320 wide front, 18.4-38 tires, dual remotes. 814-793-4293.

FARM EQUIPMENT

IH 155 4-18' rollover plow on land hitch, John Beam 300 gallon high pressure sprayer 30' boom, 609-259-7178.

For Sale - Farmall 560 gas with standard draw bar, Ripco feed blower, 1 pr. tire chains, size 13-6-38 like new, 215-926-3243 after 7 pm.

For Sale - used 7½ GE farm duty motors, good condition $495. each. 717-866-5708.

Made to order, taper board feeders & conveyors $13.50 to $15.00 per running ft., $250 for drive unit. Also wagon beds with or without racks and other farm related woodwork. Wakefield Woodworks, Box 346, Rt. 1, Peach Bottom, PA 17563, along Rt. 272, ½ miles east of Wakefield.

For Sale - Chrysler Industrial Mitibutshi 6 cyl. diesel engine equipped w/transmission and turbo charger. Ideal for pickup or van installation. Price $2,895. Call 717-532-6139 or 532-9328.

260-A Int. backhoe, diesel, good condition, Call 717-428-2748.

Wanted - Rock-O-Matic stone picker, good condition. Franklin County, 717-532-9021 717-532-9021.

For Sale - AC 600 air planter, narrow 6 row conventional or no-till, monitor, fert. and insecticide hoppers. Also Landoll 7 tooth chisel plow 3 pt. w/depth gauge wheels, all in good condition. 717-442-8564.

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw in hub which has the ability to tighten up on new or worn crank shafts. Also available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn. 37699, 615-753-5738 day or night.

JD 3010 diesel. 814-793-4293.

Crawler Tractor Parts.
New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others.
Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders.
Call or write for equipment & parts brochure.
VILSMEIER EQUIPMENT INC.
Route 309
Montgomeryville, PA., 18936
Phone: 215-699-3533

Knight model 500 spreader, in excellent cond., 717-872-9152 daytime, 872-2579 evenings and weekends.

Hillside 6600 hydrostatic combine in excellent condition, $20,000. Larry Stalter "The Combine Man" 219-862-2151.

JD 4230 4 post roll guard, dual hyd., 2000 hours, 814-793-4293.

Oliver 1600 diesel, wide front, 3 pt, 814-793-4293.

JD 4010 diesel, wide front, excell. cond., 814-793-4293.

JD 730 diesel, electric start, wide front, 3 pt. hitch, 814-793-4293.

JD 3020 Diesel, wide front, dual hyd, 814-793-4293.

Oliver 1850 diesel, dual hyd., wide front, 814-793-4293.

FARM EQUIPMENT

FOR SALE Bolens 38" snow blower, fits older 8-12½ HP garden tractor's. Used 3 times. $315.00 Set of Bolens chains, $15.00. Dirt blade fits same model tractor's $90.00. Allison; Earleville, Md. 21919; (301) 235-1307.

Tanks and Tank Trailers. Tank trailers stainless steel 3000-8000 gallon. From $1500. Steel and rubberlined trailers 3000-6500 gallon. From $1100. P.O. Box 71, Philipsburg, N.J. 201-859-1584.

Used 85 KW Katolight diesel generator set, very low hours, excellent condition, must sell/make offer, 717-866-7565.

Portable industrial furnace & fan, 250,000 BTU.
DENNIS M. MILLER
Rt. 22 Grantville, PA
717-833-1888 anytime
717-469-0937 daily

Hough gas wheel loader, $4500.
DENNIS M. MILLER
Rt. 22 Grantville, PA
717-833-1888 anytime
717-469-0937 daily

FARM EQUIPMENT

For Sale - Case model 75 Highlift Loader for 970 or similar tractor. 6' bucket, excellent, $2,000. 609-769-4086.

For Sale- JD 2520 good condition, $6200 or best offer, 717-776-7725.

Deutz D6807 tractor - Snychron transmission, 18.4x30 rear tires with GB Loader w/Ind. valve. Excellent condition. 717-762-3614.

For Sale- Front end weights for Oliver tractors, 4 weights and drum of 30 weight oil for diesel tractors, Quaker State oil both $260. 215-445-4944.

FOR SALE JD model 45 (2x16) plow with hydraulic landing $510.00. Allison; Earleville, Md. 21919; (301) 235-1307.

FOR SALE AC 4 row dry fertilizer attachment for no-til planter, includes; 2-500 lb. metal boxes with augers, 4 frame clamps with disc opener assemblies, chains, like new. $690.00. Allison; Earleville, Md. 21919; (301) 235-1307.

FARM EQUIPMENT

Wanted - Large 20'-22' Spring hanger, endwing disk, new or used, excellent; 8 row late model IHC Cyclo cornplanter. Best cash price, 215-966-5816.

John Deere combine, excellent condition, 950 hours, 13' Flexhead, IHC 1066 cab, new, 24.5 rear tires, low hours, both field ready, 609-767-3485.

933-G Caterpillar track - loader. 1 yard & ¼ bucket, excellent cond. 301-287-8494 days, 301-287-5104 evenings.

For Sale- Gandy applicators. Horse drawn corn planters converted to plateless. Pequea planter. G.F. Stoltzfus RD#2 Gap Box 2276 17527.

WANTED - New Holland 77 baler. PTO driven. 215-255-5211.

933G Catepillar crawler loader, direct electric start, heavy duty D-4 undercarriage $6500; also Farmall M tractor, equipped with Trojan grader attachment and rippers $1900, anytime, 215-488-1723.

FARM EQUIPMENT

IH 544 diesel tractor, hydrostatic, rear weights, 2,000 loader, 2 buckets, Price $4,950. Phone 301-733-2195.

For Sale - 1980 JD 4440 with 20.8x38 axle duals; 1980 JD 2600 6 bottom plow; 1980 JD 230 centerfold disc with midwest type harrow; 1981 JD 1380 hydro swing 12' haybine; Kill Bros. gravity wagon with fertilizer auger. Phone 814-364-9637.

For Sale - JD 3020 Diesel, power shift, narrow front, good tires, good condition. 717-532-7054.

For Sale - 620 John Deere new paint, engine rebuilt, $2800, 215-445-4367 after 6 pm.

Wanted - 2 way Acorn barn cleaner motor, 215-869-9737.

For Sale - Large "Hale" irrigation pump direct mounted to six cylinder engine. Israel S. Beiler, R.D. 1, Box 117, Christiana, PA. 17509.

LANCASTER SILO CO., INC.

2008 HORSESHOE ROAD - LANCASTER, PA 17601

WE MANUFACTURE & CONSTRUCT
"LANCASTER" CONCRETE STAVE SILOS
ROOF: ALUMINIZED OR COLOR
CHUTE: ALUMINIZED OR STAVE
DOORS: HINGED REDWOOD
STEEL RODS: DICROMATE FINISH
PLASTER INTERIOR FINISH
STAVES: WHITE, VIBRATED
DISTRIBUTOR & FILL PIPE

SILO UNLOADERS
SUPREME SS TURBO
RING DRIVE
VAN DALE MAGNUM
SURFACE DRIVE
RECONDITIONED UNLOADERS
IN STOCK - ALL BRANDS

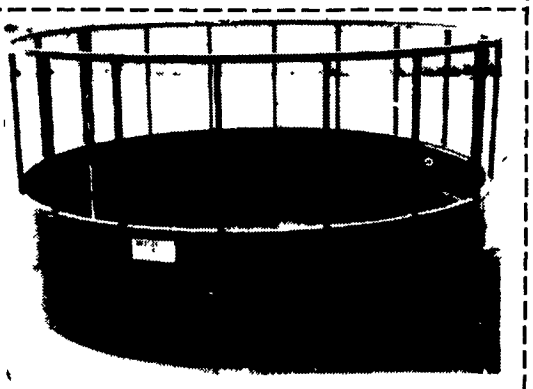
WE MANUFACTURE, INSTALL & SERVICE
"LANCASTER" BELT FEEDER UNITS
"LANCASTER" DOUBLE CHAIN CONVEYORS
"LANCASTER" TAPER-BOARD FEEDERS
"LANCASTER" ROUND HAY FEEDERS
"LANCASTER" WATER BOWLS W/FLOAT
"LANCASTER" FIBERGLAS SILAGE CARTS
"LANCASTER" ENERGY-FREE WATERER
"LANCASTER" STEEL GATES W/LATCH

"SPECIAL:" CLEARANCE SALE

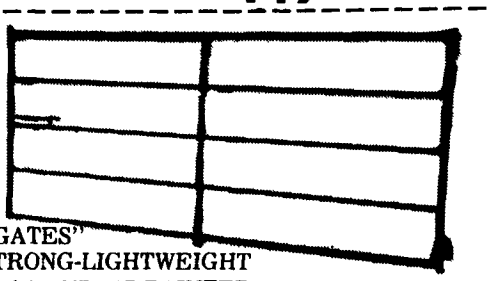
30 BU. STEEL SILAGE CART

"ONLY" 10 UNITS IN STOCK

$150.00 Less 10% - Cash & Carry



ROUND HAY RACKS - 2 PIECE
18 Openings - Can use for Regular or Large Bale $149.00



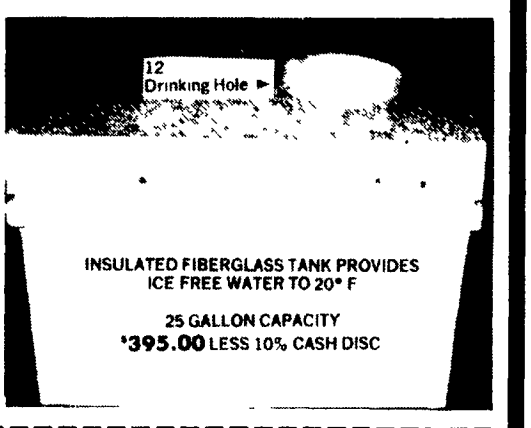
"GATES"
STRONG-LIGHTWEIGHT
1 5/8" TUBING-PAINTED
Gates w/Latch & Hinge

8 ft.	ea. $55.00
10 ft.	ea. $60.00
12 ft.	ea. $65.00
14 ft.	ea. $70.00
16 ft.	ea. $75.00

IN STOCK

10% CASH DISCOUNT ON ABOVE ITEMS

"NEW" LANCASTER ENERGY-FREE CATTLE WATERER



End Of Year "SALE"
WATER BOWLS (In Stock)

RENSON WATER BOWLS - ALL PLASTIC	LIST $24.00	SALE $19.50
JADE-VENT GALV. BOWL - BUTTON VALVE	LIST $22.00	SALE $18.00
JADE-VENT CAST BOWL BUTTON VALVE	LIST $34.00	SALE $24.00
SHOW-EASE CAST BOWL - ALL CAST BOWL	LIST $27.00	SALE $24.00

ALL "STARLINE" PARTS IN OUR INVENTORY
15% CASH & CARRY DISCOUNT

TILE — 4"x4" ASS'T COLORS
"CLEARANCE SALE"
12½ Sq. Ft Per Box - (100 Left)
List Price $8.75 Per Box
Sale... $6 75 Per Box

STOP IN OUR PARTS DEPT
ALL KIND OF TOOLS!!!

PARTS & SERVICE FOR VAN DALE SUPREME & STARLINE SILO UNLOADERS

FOR QUOTATIONS - CALL 717-299-3721
WAYNE LLOYD - SALES
LARRY HIESTAND - OFFICE

FARM EQUIPMENT

White 5400 corn planter, 6 30" row, liquid fertilizer, no-till, 717-527-4772.

NH 45' Elevator.. $1050
Mighty Mac Skid Loader..... $3000
NI #33 Chopper .. $1250
NH 27 Blower $550
JD 60 Tractor $1600
WENTZ FARM SUPPLY
Palm, PA 215-679-7164

For Sale - Wisconsin engines model #TJD baler engine, 2 VG4D's available with clutch reduction, VF4, VE4 also with clutch reduction, inquire about used diesels, 15 HP air compressors, also 2 Maytag wringer washers, Daniel E. Smucker, RT 1, Strasburg, PA.

AC C tractor, NI #17 Manure spreader, JD 2 way plow. 717-949-3074

IH 504 Utility tractor, gas with TA, tires excellent 14.9-28, wheel and front weight included, asking $4000; also IH 2000 loader for sale, will fit this tractor, $1900, 215-367-2933 days, 215-369-1418 eves.

For Sale - John Bean sprayer, 35 GPM pump, 400 gal. tank ideal set-up for washing down poultry houses, good condition. 717-426-3135, 653-5359.

For Sale - Badger liquid manure spreader, 304-263-9801.

For Sale - White 543 planter, 4 row, w/granular fert., $3500.00; White 5400 planter, 4 row, liquid fert., monitor insecticide, $3500.00; White 264 Disk, $3500.00; McConnell 16' harrow, $1350.00; MF 41 mower w/7' cutter hoe, $1500.00; Mowed 30A, JD A tractor Ele start. 717-256-3452.

Int. 4 row potato planter #45 with Gandies. Good condition. 302-734-2352.

For Sale - IH 5100, 21x7 DD soybean spec. with GA wheels and seeder, 2 years old, excellent, 250 acres, Call 717-993-6393.

JOHN DEERE

USED EQUIPMENT
MF 1155 Tractor
INT. 475 DISC
JD-BW DISC
JD 5020 tractor
MOTT MOWER - 48 In.
JD 54 Manure Spreader
JD 494A Planter
JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 7000, 8 row, 30" corn planter w/Liquid Fertilizers and Monitor
JD 1250 corn planter
Oliver 5x16 Plow
JD 1250, 4 btm. plow
1-JD AW disk harrow, 14'

NEW EQUIPMENT
JD 415 Rotary Hoe
JD 347 W Baler
JD 7100 8-row 20" bean planter
JD 950 - 12 Ft. Roller Harrow
JD 7000 - 4 Row & 6 Row Conservation Planter
2 - JD 506 Gyramor
2 - JD 606 Gyramor
JD 660 Rake

OTHER LINES NEW EQUIPMENT
Superior-Campbell Sprayers
Superior-Scranton Livestock Equipment, (Hay Feeders, Corrals, Gates)
Ceco Farm Buildings

COVERT & SONS, INC.
Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

FARM EQUIPMENT

(Combines on our lot)
Used J.D. 6620 Hydro w/heads
New JD 4420 fully equipt. 443 C.H. Used White 9700 rotary w/4 whl drive, grain and 6 row C.H. 1977 JD 4400 Dsl. cab and air real nice; 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn. 1977 Gleaner L2 hydro w/6 row C.H. 1976 Gleaner FD w/air and both heads; 1976 Gleaner KKS cab & air w/grain (SOLD), 1976 Int. 915D w/810 grain head $18,900. 1979 MF 550D, excel. w/grain and corn heads. 1975- MF 510D hydra. w/grain and 43 corn heads.
MF 410 D. w/cab & Q.T. Grain head.
MF 510D w/cab, Quick Tach grain for $6950, Sale Price $5850. Case 960 w/cab and grain, real nice, $3950.
1968 Gleaner CII diesel w/cab and 4 row C.H. for $5250. JD 7700 D w/grain & corn head.
1969 MF 510D, cab & 2 heads for $9500.
MF 300 w/cab & 2 heads for $2900.
1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.
Int. 303 w/cab, 1972 Gleaner F w/grain & 4 row C.H. for $11,900.
Gleaner E w/cab and 2 heads nice and good; Gleaner E III w/cab and 2 heads.
AC 90 pull combine.
NI 702D w/cab w/chopper and 2 row C.H. $6250. 702 w/729 A sheller.
We have 4 N.I. Uni 729A shellers from $1500.
TRACTORS AND EQUIP. JUST PURCHASED (New A.C. 8050 P.S. w/radial tires list 56, cost 44, our price $35,850. New JD 4250 w/front wheel drive. New JD 4240 C.A. P.S. new JD 4050 C.A. P.S. used JD 4440 C.A. Q.R. looks like new. Used JD 2940 Demo. JD 4430 w/Rops, P.S.
New Case 2590 fully eq. New Case 2090 Cab A.P.S. $22,900.00; used Case 2090 CA PS looks like new (SOLD), used JD 4440 C.A. PS w/front whl. drive like new; JD 2950 w/C.A. Demo; Used JD 4040 w/R.G. and QR-nice. JD 4230 w/QR for $11,400 JD 4430 w/R.G. and P.S. Used JD 4640 P.S. fully eq. like new; JD 4630 cab, air P.S. w/front whl. drive; JD 6030 C.A. Duals all original; Farmall 1566 black stripe cab and air real nice, Int. 784 utility D, 1066 Hydro original, Farmall 70 Hydro. D, Int. 544 utility gas (SOLD), Super M (SOLD), JD 4010D WF nice, Oliver 1850 w/dual wheels, Farmall 706 gas WF and 3 pt., 766 original, JD 720D, WF and 3 pt., JD 70D (SOLD), Int., 504 utility D. Oliver 770 gas, NI 325 picker w/sheller like new. NI 325 picker w/12 roll bed, N.I. 324 picker w/12 roll bed; Case 1370 C.A. PS - factory duals and full wts.
We have 3 real good JD 4010 D. w/W.F., NH 258 rake, Oliver 5B hydraulic reset plow.
NI Combines Just Dealt. NI 717 combine w/13 ft. grain; NI 738 4R N CH; NI 10 ft. direct cut head; NI 3 row 30" silage head.
(Tractors and Eq.- Just Received) MF 1135 CA MP real nice. Farmall 1468 C.A. $8850; Farmall 186 Hydro w/cab enclosure; Farmall 886 w/R.G., Farmall 756D WF and F.H. nice original, 756D WF 3 pt. INT. 656 utility D, nice original Farmall 504 tri D original Farmall 460 gas-$1875. Farmall 450 w/2000 loader. NH 357 Grinder- Mixer $3850.
Used JD 66 and 65 Blowers.
Used White 2-135, JD 3010 tri gas JD 3020 gas P.S. original, JD L w/Eq., 2 Used NI 323 1 row picker $2150 Used Int. 1190 haybine for $3250.
AC 7010 C.A., P.S., 20:8x38 tires, full wts., light package looks like new, Ford 7600 w/dual power.
Ford 5000D, Ford 3000 w/P.S. Ford 8600 Dual Power.
Farmall 966 original for $9800.00. Farmall 504 original w/P.S. and 3 pt. Oliver 880 W.F. fully equip. JD 4010 gas (SOLD), JD 2840; Farmall 1066 w/cab & air $12,800. Int. 444 utility gas, w/P.S. for $3850. Farmall 1586 C.A. w/20x38 duals used 1200 hrs. extra nice, Farmall 656 gas. 706 gas, 504 w/W.F. & Loader. JD 730 D, nice. JD 620 w/PS, JD M w/plow and cult, JD 60 w/loader; JD 3020 PS w/cab, D.B. 990D. Hay eq. just traded, used NH 320 baler, Rakes, new NH 256, MC 9E Rotary Scythe.
New Holland 1034 Auto-Bale Wagon used 3 yrs. NH 1012, hay bale wagon 18 ft. 8 ton running gear.
JD 3020 Tri D. JD 4020D W.F., D.L. and 2 values w/cab. JD 4020D W.F. P.S. 2640, Farmalls 1586 4 post R.G. w/duals, 1086 w/cab, 1206 extra nice, 756D W.F. original, Farmall M.
White- 4 whl. drive, 4-180 fully eq. for $15,850 (Tractors Coming in) Int. 4786 and Int. 4586 - four whl. drive, JD 4020 D., W.F., P.S. and diff locks.) Used JD 4440 C.A., 1972 JD 3020 D. WF, JD 4840, fully equipped w/dual whls. real nice, JD 4430 C.A. QR, AC 220 original nice $8950, Farmall 1486 fully eq. like new. JUST TRADED- used Int. 3588 2+2 Int. 986 w/cab, M w/NI 319 mtd. picker, Case 1410D. (Harvesters) NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head. JD 243 snapper head. Forage Wagons.
JD 216 - tandem axle. NI 325 picker w/12 roll bed, JD 237 mtd. picker and sheller.
(new) 2 NI 323 cornpickers at old prices. $5450.00
New NI 324 2 row picker for $9750.
Used Fahr rotary 7 ft. haybine. JD 340 12 ft. offset disc, Glenco SS9 Soil Saver, JD 210 14 ft. Disc, Hesston #30 Stakhand.
CHISEL PLOWS- new Ford 13-ft. 3 pt. w/gauge whls.
HAYBINES- New NI 272 cut/ditioner- $3800; Used NH 489-$4000; Used NH 489-$3875 ; N.H. 461 real nice; N.H. 479. Used JD 1209 $2475; New & used Grim 4 star hay tedders.
New Grim Hay Tedders
Used NI 279 Cut ditioner. (Just Traded) N.I. 702 uni w/729A sheller and 743 3 row Q.A. corn head, real nice and field ready.
New AC 7010 w/20 sp. trans. Used 966-1 owner original, 1972 JD 4020, 3020 S.C. power shift, JD 4020 S.C. w/cab, 1968 JD 4020. MF 1135 w/cab. Farmall 350 w/P.S. and F.H., Farmall 450 gas PS and F.H., Ford 6000 Commander D.
Balers (new), NH 315 w/#75 thrower for $9300. NH 280 w/hydraulic tension and thrower. JD 336 Thrower. New Idea #456 round baler.
TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard.
New John Deeres 4240 cab & air Q.R. for $30,000; New JD 4440 C.A. QR w/radial 20x38 tires for $36,250.00. Local trade ins - Used JD 4230 CA QR, JD 4320, 4020 side console, 3010 gas, Ford 600D W.F. Equipment - JD 8200 grain drill and grass seed, JD 1209 Haybine, JD 336 Baler w/thrower, Gehl 940 Forage Wagon. Six real nice balers, JD 500 Round Baler; Hawk Bilt round baler. 2 used NH baler w/throwers #280, 269.
Int. 420 w/thrower.
Corn Heads JD 643, 444, 244, 243, 843, 343, 443, 435N, 313 for 45C, 235, Massey Ferguson 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, F438, K238, F335, F330, M430, K330, Int. 863, 864, 844, 744, 843, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, NH 4 row 38" C.H. New JD 444 $7350 reduced to $6875. JD 443 used 2 seasons; Gleaner A430 used 4 years. 60 corn heads on lot. NI 738 and 728 4 row 30"
New Int. 810 13 ft. grain head.
Used Gleaner L2 grain heads.
2 used MF 63C Corn Heads to pick from. 4 used #810 Int. 13 to 16 ft. reg. and floating heads.
(New Farmalls) 5088 C.A. for $34,850 New 3688 fully eq., $30,800.00.
(Used Farmalls) 986 w/cab, 686 nice. 706 gas. 1206 real nice, used JD 4230 w/R.G. and creeper gear, 1966-4020. We have 7 JD 4020 side console diesels. JD 2640, 1970 JD 5020, JD 4430 C.A., Q.R., 1972 JD 3020 D., W.F., JD 3020 w/power shift and cab, Farmall 130 w/1 row cult., Farmall 460 D. w/loader $1875, JD 4010 D., W.F., w/dual hydraulic (SOLD), Ford TW20 w/cab w/220 hrs., damaged. 1972 JD 4020D, WF.
New NI 324 picker w/super sheller list $15,390. Special $8,475. Farmall 706 w/310 German D w/cab, JD 2520D, MF 1135 w/R.G. and dual wheels, Int. 656 utility Hydro D. NH 890 2 row snapper head. JD narrow 30" 2 row head, like new.
NI 325 pickup w/12 roll bed used 4 yrs.
TRACTORS JD 4320, Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.
JD 4020 W.F. power shift, good tires ; Case 1070 P.S. $6975; JD 4010 Tri D, Farmall 766, Case 930 Standard, New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, Deutz 9006.
CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear.
CORN PICKERS - New NI 325 w/12 roll for $11,800, used N.I. 325 w/12 roll bed current model. Used (2) N.I. 324 w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/ grinder. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. JD 300 w/243 C.H. NI 311 - 2 row
JD 4020 w/58 Loader, JD 4320 w/cab, JD 5020 - Pull Tractor.
Farmall - 1568 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856 w/38" tires, very nice; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756, Farmall cub w/mowers.
HARVESTERS. Used JD 3960 w/long tongue, used JD 3940, JD 3800 w/2 row C.H. and pickup for $2850, N.H. 890 w/3 row 30"; NH 890 w/2 row; NH 770 w/2 row 30" C.H. Int. 720 - 2 row. Fox 2 row snapper head. NH 770 1 row snapper C.H.N.H. 890-2 new snapper head, new N.H. 890 new corn head used N.H. 770-H824 2 new corn head.and pickup head, Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800. JD 4 row Stalker head, like new.
ALLIS CHALMERS AC 180D w/cab and air, 185 w/turbo. 7040 w/cab, power shift like new, low hrs. 220 original, 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch.
2 JD 4 wheel drives 8630 fully eq. w/duals; & 7520 fully eq. w/duals.
JD 4010 LP Gas, (SOLD).
JD 5020 puller.
FARMALLS: 1066red cab & air, Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice.
New White 2-65 w/front whl. drive and new 1730 loader, list $29,000.
Dealers net $23,700 Our special price $21,000.
New White 2-105 w/cab $22,850.
MASSEY FERGUSON - 2745 with cab and dual whls. (SOLD), 1085 w/cab, original 2 MF 1155 w/C.A. M.P., MF 1130 for $6250. MF 1080D, MF 1650 (Case) New 2090 Cab & Air (SOLD), power shift. Case 930D real nice, Case 930 Standard D. real nice, Case D.B. 1200 for $3900. Oliver 1950T w/Cab for $6950.00. 2050, 1855 w/20:8 tires, 1850 w/cab, 1855 w/duals, MM Vista 1000 w/cab and loader, MM S670 diesel.
Farmall Super A.V.
Fords - 3000 w/p.s. Jubilee 850.
N.I. 702 Uni tractors w/ combines & 729A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads.
IND. EQUIPMENT - Int. 500E crawler loader w/270 hrs., like new. Cat 933 crawler loader.
Int. 2400D L&B, Case 584 B.D. Forklift, (SOLD).
AC 600-21 ft. forklift.
Int. 3400D. L&B Howard 3 pt. backhoe, Long 1199A-3 pt. Backhoe like new $3850.
Bobcat 720 Hydro Skid Loader.
Ferg 30 w/loader. Mechanics Specials.
Case 1410. Farmall 706 gas needs trans work, $2900.
MF 1155 CA MP $8850.
PLANTERS- New JD 6 row Conserv. no-til w/dry insect and monitor, call for price. Used Int. #800 6 row fully equipped w/no til and monitor-NICE. (new) White 5100 4 row planter w/monitor, JD 1460 6 row no-til liquid plateless Inst. - $1975, JD 6 row conservation inst. fert. fill, population monitor and acre fully equipped. Used White 5400 4 row air, w/dry, Inst. no til and monitor for $2000.
JD 7000 8 row planter.
Used JD 4 row conservation w/liquid fert. and monitor (SOLD), Oliver 6 row no til w/dry fert., inst., fert. fill and population monitor JD 444 corn heads from $2450 and up.
Papec Grinder Mixer.
Cabs for JD and Int. Tractors.
Glenco 12 ft. 9" Soil Finisher like new.
Brady 14 ft. pull chisel plow w/Buster bar. Int. #5500-13 ft. chisel plow, Int. 9 ft. Chisel plow, new 9 shank soil saver, used Athens 10 ft. offset disk.
Pick-up heads for NH 770, 717, Miller 12 ft. offset disk, JD Disks #210 - 12x14 ft. New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. (new) N.H. 363 tank spreader for $3675. NI 214 nice, JD 54, Kawannee 10 ft. & 12 ft. roller harrow, good.
Brillion 13 ft. roller harrow, We have new 4,6,8 ton running gears at low, low prices.
2-used Danuser Post Hole Diggers.
New 3 pt. 8 ft. heavy duty blades. New MF 5' rotary cutter, (SOLD).
NH 36 Flail Chopper, Brady 722 Flail Chopper.
PLOWS - Ford 6xsp. reset, onland hitch, like new, Int. #710 7x16 sp, reset on land hitch, JD 2500 6x sp. reset, JD 5x hyd. Int. #700 5X auto reset, fully eq., Int. #710 6x16 sp. reset, Int. #720 6x16 sp. reset on land hitch, Ford 5X sp. reset, JD 5xSemi trip rollover. Oliver 4x16 rollover, JD 3x16 rollover, Chisel Plows. Brady 12 ft. & 10 ft. chisel plow 2-Brillion 10' 3 pt. chisel plows Rockland rock picker. New Johnson loader.
Used JD 330 hydraulic fold disk. Used Int. 496 20' hydraulic fold disk. Oliver Dual Whl. Disk, AC 12ft. Disk.
Used JD 310-12 ft. disk like new, new 12 ft. 3 pt. field cultivator.
New Landoll 24 ft. hydraulic fold chisel plow.
Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550.
JD Disks- TWA 12 ft.-14 ft. heavy disk.
Ford 12 ft. Heavy Disk. Used JD 400 15 ft. rotary hoes, Kawanee 22 ft. Wing Disk.
Ford 20 ft. wing disk.
DRILLS- Used JD 8300 21x7 DD w/press wheels.
Int. 510-16x7 D.D. w/Fert. and grass seed.
MF 43-21 SD grain.
JD B 16 DD w/grass seed.
Loaders, new Int. 2350 and 2355 - Used JD 148, 58 (SOLD), Int. 2350, 2250, like new, also set of forks, like new MF #246 like new (new) G.B. loader, 3 pt. hitch for 630 and 730 JD tractor. New and used J.D. Quick Couplers. 2 Used 30.5x32 tires.
No Til Attachment for Int. 4 row 400 planter complete.
TRUCKS - 1979 Chev. C65 24 ft. rollback w/61,000 miles, like new, 1976 KW Truck Tractor w/350 Cummins D. 13 spd. all chrome wheels and fully eq. looks like new, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new.
(New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, (20) sets of dual wheels all sizes.
JD front & rear weights, IH front and rear weights.

For your needs call:
STITZEL FARM EQ. INC.
East Windsor St.
& Krick Lane
Hamburg, Pa. 19526
Phone Bus. 215-562-8377
home 215-562-7451

FARM EQUIPMENT

For Sale - JD 7000 Max-Emerge planter, 4 row wide, excellent condition; JD 112 lawn mower, excellent condition. 717-752-3825

FARM EQUIPMENT

For Sale - Case 970 with Turbo charger, excellent condition, 23.1x34 Firestone ATFR tires, Call after 5:30 PM, 814-382-8432, Conneaut Lake, PA.

FARM EQUIPMENT

For Sale - J&M 250, 8 ton bin wagon, Lamco bale wagon, old storm windows, 717-258-6247, Cumberland Co.

FARM EQUIPMENT

For Sale - White 5100 No-till corn planter, 4 row, latest model, like new; Oliver 316 cushion trip fully mounted plow; NI 12A ground driven spreader. 717-933-8134.

Umberger's Of Fontana

RD4, Lebanon, PA (Fontana) 717-867-5161 or 717-867-2613

Mon -Thurs - 7 30-5 00, Fri - 7 30-8:00; Sat - 7 30-4 00

New Idea Gehl | Hesston Bush Hog | Glencoe | Brillion | Toro | Gilson | Kilbros | Wic | Trustworthy Hardware! The Problem Solvers

USED EQUIPMENT	Starting Price	Daily Reduc	Price 01/21/84
729A NI Uni Sheller	$3750 00	$5.00	$1435.00
770 NH Harvester w/2 RN & PU	$5951 00	$5 00	$4571.00
676 NH Tandem Axle Spreader w/gate	$3254 00	$5 00	$1874.00
FB 88 Gehl Blower	$850 00	$2 00	$592.00
66 JD Blower	$1390 00	$3 00	$1003.00
FB 99 Gehl Blower	$1395 00	$3.00	$1008.00
10' Bush Hog 10 Tooth Chisel	$1495 00	$3 00	$1108.00
6 Case 3 pt Rotary Chopper	$450 00	$2 00	$192.00
10' KBA JD Transport Disc	$1050 00	$2 00	$792.00
Grove Corn Drag	$350 00	$1.00	$221.00
Allied 1 Ton Grinder/Mixer	$2350 00	$4.00	$1834.00
MX 120 Hyd Drive Grinder/Mixer	$3850 00	$5 00	$3205.00
717 NH Harvester w/1RN	$1950 00	$4.00	$1434.00
212 217 NI Single Beater Spreader	$1695 00	$4 00	$1179.00
214 217 NI Single Beater Spreader	$1595 00	$4 00	$1079.00
213 215 NI Triple Beater Spreader	$2550 00	$5 00	$1905.00
218 NI Spreader w/Hyd Gate	$3150 00	$5 00	$2505.00
IH 6x16 Semi mount Plow	$2190 00	$4 00	$1674.00
83 Oliver 2 Row Wide Pull	$2490 00	$5.00	$1845.00
Kasten 2 Beater 16' Unloading Wagon	$1890 00	$5 00	$1245.00
763 3 RN NI Uni Harvester Head	$1800 00	$4 00	$1284.00

New Ber-Vac Snow Blower 96" cut
(1) pair 18.4x38 (1) 20.8x38 Tractor Chains
In Stock-Wic Silage Carts and Straw Choppers
Used Skid Steer Loader, new overhaul

FARM EQUIPMENT

For Sale - 40 KW 120/208V continuous duty generator set with 4-71 Detroit Diesel engine, excellent condition only 200 hours since major overhaul. Contact owner 215-445-6061. Also Aquamagic egg washer grader spool spinner 6 to 9 cases per hr. excellent, 215-445-6061.

For Sale - Cub Loboy tractor, cutter bar mower, disc, cultivator, plow, snowblade, good tires, $3,200. Phone 717-776-7925.

IH 806 D, new rubber with Waldon front mounted dozer blade, both front ends, $5,000. 301-833-9091.

JD 3020, power shift, new tires, nice, $5,500. 717-532-6892

IH 856 D wide front, new paint, excellent condition, $6,500, 301-833-9091.

JD 34 manure spreader, excellent condition, $700, 301-833-9091.

Wanted - Harvestore conveyor scales. 717-786-2839.

JD 1020 gas 35 hp, wide front, front and rear PTO, chains and more; 6' center mount sickle mower; #48 front end loader; 5' rotary mower-trailing; 6' Mott Mower-3 pt.; 5' light scraper 3 pt. $10,000 the lot or by each, 215-436-0254.

JD 2280 Diesel self propelled haybine. Cab, air, 500 hrs., like new 814-793-2339.

NH 469 Haybine, good condition Phone 215-965-6363

FARM EQUIPMENT

FOR SALE
IHC RECONDITIONED TRACTORS
Cub Low Boy w/snow plow, sickle bar and 4' Woods belly mower
Cub 154 Low Boy w/5' Woods Belly Mower
Both Tractors repainted, new rings and valve job.
CUB ATTACHMENTS
Sickle bar mower, cultivators, disc harrow, snow plow, dirt plows. 717-687-0102.

AC tractor 175 Diesel, 1977 1550 hours; round balers; new and used - Vermeer, 605H, 504H; Gehl 1500 and New Holland 351 nice. West Moreland Co., PA, 412-423-4076.

For Sale - 970 Case Diesel late 1976 model. Oliver 770 gas tractor, good condition. 215-445-5796.

SAVE-1500 gal. Clay Honey wagon with liquid manure injectors, Demo $9,000 or best offer. Fred Crivellaro, Dealer, Clay Farm Equipment, 1590 Morgan Hill Road, Easton, Pa. 18042 215-258-7584.

145 JD loader good cond., $2100. 717-927-9483.

For Sale - Ford 600 tractor, low hours, good rubber, Sullivan Co 717-924-3756.

For Sale - JD 2010 crawler loader good condition, $5500. 717-582-2352

For Sale - Brady stalk shredder model 1440; Brillion 25' folding harrow. 717-752-3825.

FARM EQUIPMENT

For Sale - Cunningham crimper $200, IHC (14p) corn snapper $225, IHC rear mounted mower (C) $150, IHC potato planter for parts $50, IHC potato digger 1x $125, 4 rolls snow fence $75, 2 wheel dump trailer for garden $125, 4 bus seat benches $100, '53 Studebaker PU mechanics special $235, '71 Olds coupe, works $300, 8 ft. Case disc/pull clutch $125. 1-717-345-8367, Schuylkill Co., PA.

1206 with cab, snow blower 7 ft., cub snow plow, 656 diesel Farmall with wide front end, 3010 JD, $3,500 and honey wagon. Call 215-777-0052 or 775-0508.

JD 2440, 1978, 1400 original hours, 1 owner, $8,000/offer. #146 Loader available. 301-833-9091.

Wanted - Irrigation pipe would prefer 6" but would consider 5". Used hard hose trailer irrigation system. 814-766-2733.

IHC 100 7' Trailer Mower
Oliver 387 Sulky plow, exc. for horses
NH & Little Giant corn drag
(3) Nicholson Hay Tedders
(1) PTO Nicholson Tedder
NH 55 and 56 Hay Rakes
NI 751 & 752 Crushers
Lely pull type spin spreader
10 A N.I. spreader (rear-end)
AC B125 Power Unit
TOM WHEARY
Lancaster, Pa.
717-687-0102

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BOTTOM-LINE SPECIALS

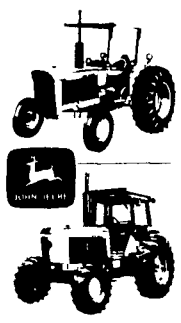
Choose a quality used tractor—any make—get our bottom-line deal plus waiver of finance charge to March 1, 1984

Now s the best time to prepare for next season with a quality used tractor You can upgrade your power dependability features and comfort We re ready to offer you our best bottom line deal on any make of used tractor over 40 hp And if you finance with John Deere finance charge will be waived to March 1 1984

For 1983 investment tax credit and depreciation deduction you can buy during November or December and still qualify

Come in and choose the low hour late model used John Deere or other tractor that will make your operation more cost efficient

* Availability of John Deere financing and leasing plans subject to approval of credit



OUR SELECTION OF USED TRACTORS

- JD 4640 Dsl Quad, S.G Body A/H w/Radio, Dual Outlets-Quik Coupler
- JD 4440 Dsl, Quad, S.G Body A/H w/JD 260 H D Hyd , Ldr.
- JD 2940 Dsl, TSS Hi-Lo Trans.
- JD 2640 w/Roll Guard and Enclosure
- JD 4430 Dsl, P/S, SG Body A/H
- JD 1530 Dsl, w/Sauder Loader
- JD 4010 Dsl R O M -16 9-34 Rear Tires
- JD 3010 Dsl, Row Crop
- JD 2510 Dsl
- JD 730 Dsl
- JD 400 Industrial Tractor/Loader
- MF 1085 Dsl
- MF 65 Dsl, Row crop
- MF 135 Gas, P/S, 3-pt, Hi-Lo
- Ford 600
- DEUTZ 6807A Dsl , Cab, MF WD, AM-FM, tape
- CASE 430 Gas w/Hyd Loader

WE HAVE A FULL LINE OF NEW AND USED LAWN/GARDEN AND SNOW EQUIPMENT

USED NEW HOLLAND 1895 S.P. FORAGE HARVESTER
w/metal detector,
w/7½' hay pick up
w/4 row "N" row crop
Finance JDFP
No Finance Charges Until Sept. 1, 1984

USED JOHN DEERE 7720 DSL COMBINE
4 yrs. old; 1450 hrs.; cab w/air, heat, AM-FM radio; auto HHC; low shaft mon.; straw spdr.; w/215 flex plat.; 643 corn head, excellent condition.
Finance JDFP
No Finance Charges Until Jan. 1, 1985

USED MANURE SPREADERS

NI 218 Tandem 8 ton w/Hyd End reduced to..... $3000
NI 224 Tandem 10 ton w/Hyd End reduced to..... $3295
NI 214 w/216 Flail, Mech End reduced to..... $1395
NI 213 w/217 Sngl Btr, w/Hyd End reduced to..... $1395
NI 213 w/217 Sngl Btr reduced to..... $1195
Several NI 206 Ground Driven priced to sell

NI 206 SPREADERS NEW IDEA 95 BU. GROUND DRIVEN SPREADERS

OVERSTOCKED! MUST REDUCE INVENTORY! PRICES AT COST!

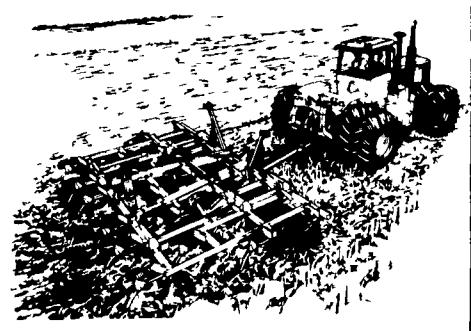
206 New Idea Spreader Available With or Without Steel Wheels With or Without Endgate Att.

NEW JD TILLAGE TOOLS ---IN STOCK---

Disk Harrows
115 - 10'0" - Save $332.30
215 - 11'5" - Save $533.90
215 - 12'10" w/cush gangs - Save $572.90
315 - 12'10" - Save $800.90
235 - 18'6" dura cush center fold - Save $1444.10
1010 field cult 25½' flex, horiz fold - Save $885.30
1610 chisel plow 10' 3-pt. ht. - Save $176.60

JOHN DEERE
BOTTOM-LINE SPECIALS

Get a 5 or 10 percent discount on these new tillage tools AND pay no finance charge until March 1, 1984



Here s why it makes good dollar saving sense to buy now Depending on the tillage tool you choose (see chart below) our dealership will give you our best deal and then deduct another 5 or 10 percent from the latest suggested retail base price For example this extra discount on an 18½ foot 235 Disk saves you more than $1 100

Finance with John Deere and finance charges will be waived to March 1 1984 Or lease and your lease payments will be discounted comparable in value to the waiver of finance charge *

And remember if you buy during November or December you ll qualify for the 1983 investment tax credit and depreciation

Machine	Discount from Suggested Retail Price
Moldboard Plows	5 percent
Chisel Plows	10 percent
Field Cultivators	10 percent
Disks	10 percent
Mulch Tillers	10 percent
Mulch Finisher	10 percent

Availability of John Deere financing and leasing plans subject to approval of credit Leases not eligible for cash rebates or for cash in lieu of waiver This offer may be reduced in value or withdrawn at any time

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

One New 354 NI Manure Spreader 390 Bu. Must Sell

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(1) S30 DAVIS STATIONARY HORIZONTAL BATCH MIXER
Complete w/Beam Scales, Brand New, Never Used.
MUST SELL, MAKE OFFER

SWINE & POULTRY SYSTEMS SPECIALISTS
FARMER BOY AG. INC
410 E LINCOLN AVE MYERSTOWN PA 17067 PH 717 866 7565
BEST IN DESIGN PRICE AND EXPERIENCE

USED BELTING MATERIAL RUBBER MATS FOR

Comfort stalls, Free Stalls
Horse Stalls, Horse and Cattle Trailers,
Hog Houses

Paul N. Brubacher
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SPECIALIZING IN
GARAGE SERVICE JACKS

"NEW JACKS"	REPAIRS
AJAX-WALKER MODEL 95632	NEW & USED WALKER • AUSCO • HEIN • WERNER WEAVER • BLACKHAWK
1½ TON - $199.00 List $363.00	

BEARTOWN HYDRAULICS
Rt. 322, Midway Between Honey Brook & Blue ball
Mon., Tues., Thurs. & Fri. 7 AM - 5 PM
Ron Zimmerman
(717) 354-5649

IN THE COLD WEATHER YOU CAN ALWAYS WARM UP TO GOOD BUYS AT BINKLEY & HURST BROS., INC.

Come On Over And Let's Talk About It

USED TRACTORS
Several New Additions Just Arrived

Ford TW-10, Approx 110 HP Cab Air Heater, 1900 Hrs 540 1000 PTO Dual Power Automatic Shift 20 8x38 Rear Tires Approx 50% Tread, 12 Front Weights Loaded, Ready To Go **Call For Price**

Case 580 D Diesel Backhoe Loader 1980, Only 1182 Hrs Rops Canopy, 17 5Lx24 Tires 24" Trenching Bucket **Only $28,700**

Case 2090 Diesel 108-115 HP With Cab, Air, Heater, Power shift 18 4x34 Rear Tires 50% Tread Only 775 Hrs Front Weight Frame No Weights **Only $18,300**

Case 1370 Diesel, No Cab Approx 4000 Hrs , Power Shift 24 5x32 Rear Tires Approx 40% Tread Has Engine Blow By **$7,500**

Farmall C Narrow Front With Cultivators In Excellent Condition Must See To Appreciate **$1,600**

John Deere 1050 Diesel With Mechanical Front Wheel Drive Only 138 Hrs Same As New Double Remotes 3 Pt Hitch With Draft Control 33 HP 13 6x28 Rear Tires Loaded **Only $12,800**

Ferguson 30 Tractor 28 HP Only 30 Hrs Since Major Overhaul Paint & Condition Excellent Changed to 12 Volt Starting System New Clutch At Time Of Overhaul This Tractor Has Main Transmission With Sherman Auxiliary With Total of 12 Speeds 3 Pt Hitch No Top Link Ready For Hard Work Must See To Appreciate **$2,150**

M-Moline Tractor Jet Star 3 With Sauder Hi Lift Hydraulic Dump Loader With Remote Outlet Independent PTO 1 Owner **$2,558**

White 2-105, Cab Air Heater 105 HP With Mechanical Front Wheel Drive 1979 Model 2035 Hrs Over/Under Shift 20 8x38 Rear 16 9x20 Front Tires **Only $17,800**

Case 2590, Cab Air Heater 180 HP 2 Wheel Drive With Power Shift 20 8x42 Like New 3164 Hrs Excellent Condition Ready For Work! **$25,800**

White 4 Wheel Drive Model 4 150 Cab Air Heater 2952 Hrs 1000 RPM PTO Over/Under Shift 20 8x34 Tires 80% Tread Late Style Double Steering Cylinders **Best Offer**

Case 2670 4 Wheel C A H Approx 251 HP With 20 8x34 65% Tread 4 Remotes, PTO No 3 Pt Hitch 3154 Hrs **$16,800**

White 2-155 C A H 1976 Model 2066 Hrs Over/Under Shift 20 8x38 70% Tread Double Remotes **$19,600**

Almost New **Case 1290** 4 Wheel Drive 53 HP Diesel Only 10 Hrs Independent PTO Remote Hydraulic Outlet Regular Price $20 779 **Sale Price $14,900** With Partial New Warranty

Case 2470 4 Wheel Drive Approx 213 HP Approx 3100 Hrs 1974 Model With Power Shift 23 1x30 10% Tread Paint White 3 Pt Hitch PTO Remotes **$18,900**

Farmall H With 540 PTO Lights Needs Paint Metal Good **Only $880**

Oliver Cocshutt 550 With Hydraulic Lift Loader Mechanical Trip Dump Good 13 6x26 Rear Tires 540 PTO **$2,650**

Farmall Super C With 2 Row Cultivator 2 Bottom Plow 2 Row Corn Planter, Could Use Paint **$2,350 Make Offer**

M-Moline 670 Gas Approx 73 HP With Wide Front Power Steering 540 1000 PTO Good Torque Amplifier Hi Lo Shift 18 4x34 Rear Tires **$3,950**

A C. 200 Diesel (No Cab) Excellent Condition 540 1000 PTO **$9,250**

Case 1070 With Cab Air Heater 1973 Model White Paint 3801 Hrs 540 1000 PTO, Engine Rebuilt 2 3 Years Ago **$10,768**

Case 885 Diesel 43 HP Power Steering 12 Speed Transmission 13 6x28 Rear Tires 15% Tread **$4,848**

Case 570 Gas Late 1970 Model Wide Front With Hydrostatic Power Steering 14 9x28 45% Tread **$3,850**

Case 1290 53 HP Diesel Like New Only 108 Hrs 16 9x30 Rear Tires Independent PTO **$10,800 Reduced $9,950**

David Brown 1200 Diesel 65 HP 540 1000 PTO 12 Speed Transmission 18 4x30 Rear Tires Smooth **$3,830 Or Best Offer!**

Case 1490 Diesel 70 HP With Power Shift 1981 Model 310 Hrs Like New Double Remote Outlets 16 9x34 Rear Tires Power Shift Transmission **$14,900**

Case 870 Diesel With Cab & Heater 3284 Hrs Power Shift White Paint 1970 Model **$7,980**

Case 970 No Cab 8 Speed 2240 Hrs 18 4x38 Factory White 1976 Model Double Remotes **$8,900 $7,900**

Case 1070, 1970 Model No Cab Power Shift 3167 Hrs Good Condition 18 4x38 95% Tread 540 1000 PTO **$8,300 $7,750**

Case 2390, 160 HP C A H 1094 Hrs 20 8x38 With 20 8x38 Axle Duals **$25,500 $23,500**

Like New **Case 4490** 4 Wheel Drive 213 HP Loaded with Cab Air Heat Power Shift Only 474 Hrs 20 8x34 Radial Tires 3 Pt Hitch PTO 1000 RPM 4 Remotes New Price Over $60 000 **Our Price Only $37,800**

Like New **Case 4690**, 256 HP 4 Wheel Drive Cab Air Heater Power Shift 573 Hrs 20 8x34 Tires With 2 Sets of 20 8x34 Dual Wheels 3 Pt PTO 4 Remotes Deluxe Custom Interior Kit New Price Over $70 000 **Our Price $42,800**

Case 2870 4 Wheel Drive 300 HP With Only 830 Hrs Late 1978 Model With Power Shift C A H 3 Pt PTO Double Remotes 20 8x34 Tires With 2 Complete Dual Wheel Kits **$33,800 Reduced To Only $29,800**

Ford 4500 Backhoe Loader **$7,200 $6,800**

John Deere 2010 Diesel Low Utility Approx 46 HP 3787 Hrs With 3 Pt Hitch 16 9x28 Rear Tires Runs & Works Well **$4,850 $3,450**

MF 265 Diesel Approx 1300 Hrs 16 9x28 Tires Like New With Windbreak And M F Loader With Trip Dump 4 Foot Bucket Like New Condition **$11,800 With Loader**

White 2-150 Diesel 150 HP With 1400 Actual Hrs 18 4x38 With Duals **$16,850**

White 4-180 Cab 1975 Model No 3 Pt Hitch No PTO 1400 Hrs With Remotes 18 4x38 With Duals **$11,800 $10,850**

MECHANIC'S SPECIAL
Case 930 Comfort Diesel Narrow Front Approx 3500 Hrs 540 PTO Dual Remotes 18 4x34 50% Tread **Only ~~$4,650~~ $2,860**

SPREADERS

New **Knight Model 180** w/Top Beater Very Heavy Construction **$3,205**

Used **NI 224** 10T w/Hyd Endgate **$3,450**

Used **NH 790** Tandem Axle W/Cyl & Hoses **$3,650**

Used **NI 213** Single Beater Good Second Spreader **$489**

Used But Like New **JD** Ground Driven Spreader **$550**

CHISEL PLOWS

Used **Glencoe** 7 Shank Soil Saver 8'9" Cutting Width Used Approx 600 Acres **$3,450**

New Demo **Bush Hog** 5 Tooth Coulter Chisel **$3,585**

New **Case** 9 Shank Soil Controller **$6,154** 1 Only W/Coulters **$4,715**

New **Landoll** 7 Shank Soil Master W/Coulters **$4,690**

Used **Athens** 10 Shank 3 Bar Hi Clearance **$1,345**

Used **Case** 9 Shank 2 Bar New Points **$675**

DISC HARROWS

New **Rhino Model 76R** 10'3 22 Blades **$3,420**

New **Rhino Model 77** 11 8 24 Blades **$4,625**

New **Rhino Model 90B** 17 11 9 Spacing **$8,050**

Used **A C 2500** 12' Dbl Offset Like New Rock Flex **$3,975**

Used **Athens** 12 11" Heavy Cutting Disc **$2,950**

HAMMER MILLS - GRINDER MIXERS

New **Gehl 100** w/12 Discharge Auger **$6,960**

Used **JD 400**, 1000 RPM 16 Mill **$2,095**

Used **Owatonna** Grinder Mixer **$1,890**

MISCELLANEOUS

3 Pt **Loading Chute**, Heavy Construction **$235**

2 Bottom **JD 16" Plow** w/Coulters **$225**

9' **JD 1209** Haybine Nice w/2 Extra Knives **$1595**

5 Bottom 16" 700 **IH Plow**, Semi Mount **$2,940**

New **6T Running Gear** w/15 Rims **$529**

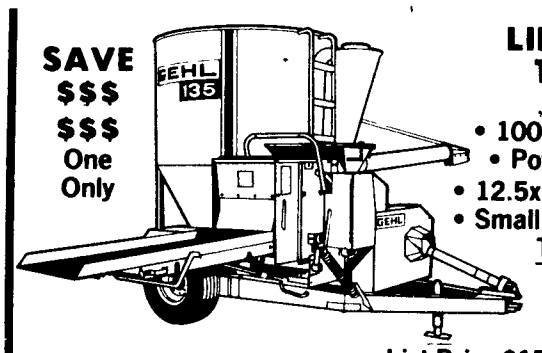
Rogers 25 Ton Lowboy Trailer **$3,650**

4 Row **Farmhand** Cultivator New **$1,395**

New **Bush Hog** 5 Rotary Mower **$499**

I H "401" 4 Section New Runners **$530**

SAVE $$$ $$$ One Only



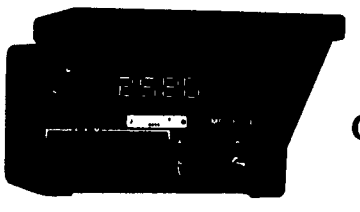
LIKE NEW GEHL 135 MIX ALL

- 1000 RPM • Analog Scales
- Power Bale Feeder
- 12.5x15 Tires
- Small Grain Auger Extension

This Mill Was Never Used

List Price $15,000
YOUR SPECIAL DISC. PRICE
ONLY $6,975

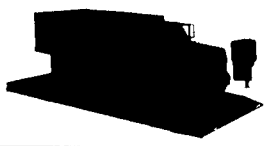
FARM SCALE FOR GRINDER MIXERS AND MIXER WAGONS by Weigh-Tronix



Fits All New Models And Many Older Models. Call For Special Price

A WEIGH-TRONIX Electronic Scale Can Pay For Itself On Your Farm

- Ends ration mixing guesswork.
- Weighs accurate rations to livestock.
- Weighs livestock, too.



PLATFORM TRUCK SCALES Also Available

SPECIAL - BRAND NEW DEMONSTRATOR DIESEL POWER!
New World Class Leader
GEHL 4610 DIESEL One Only Serial #3195

New 4610 Diesel Features:
Easy service tilt cab side console controls low operating height, 44 HP Perkins Diesel water cooled engine 10 00x16 5 tires, large 65" wide material bucket Waiver of Finance

One Only
Serial #3123 No Payments Till April 1, 1984 w/30% Down Payment
Factory List Price w/Freight $18,611.37
Our Regular Price. $15,516.00
YOUR SPECIAL DISCOUNT SALE PRICE ONLY $14,800.00
A New World Class Leader Is Waiting For You Now!

SPECIAL OFFER

15% OFF
On A New Case 1835 Diesel Uniloader

Serial # 9857830

34 H.P.

List Price $19,201.00
OUR SALE PRICE ONLY
$13,600.00

Case 188 Cu. In. Diesel Water-Cooled Engine, 10.00x16.5 Tires, 66" Wide Bucket

TRADE-UP TIME IS NOW!

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case **BINKLEY & HURST BROS., INC.** case
133 Rothsville Station Rd. Lititz, PA 17543
PH: (717) 626-4705
Business Hours Mon-Fri 7AM - 5 PM, Sat 7 AM - 11 30 AM

KNIGHT "AUGGIE" Mixer/Blender/Feeders

Mix, Blend and Feed Your Total Mixed Ration

The Proven Management and Production Tool

Total Mixed Ration (TMR) Feeding Program

Benefits Your Operation With

Increased Milk Production
Faster Weight Gains
Healthier Cattle
More Profit

- Unpalatable feeds are blended so thoroughly they are unnoticed and totally consumed by cattle
- Healthy balance of nutrients—less "off feed" problems
- Boss cows cannot overeat grains, cutting others short
- Beef gains are maximized by blending rations—also allowing use of lower cost feeds and retaining maximum gains

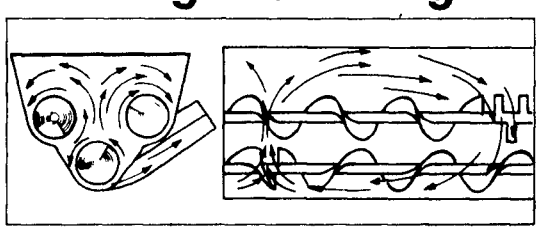
Lower Feed Costs

- Expensive feeds are not wasted
- Allows you to buy supplements in bulk
- Allows use of least cost feeds

Better Feed Management + Controlled Feed Program

- Precision control over rations and ration changes
- Accurate records

Rapid and Thorough Blending and Mixing



A rapid mix with thorough blending of all materials

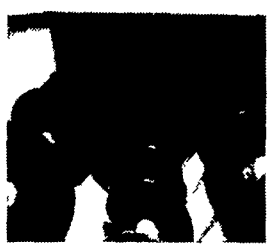
The three large heavy augers are capable of evenly blending dry feed, urea supplements, grains, etc with moist silages, haylage, etc

Molasses and other liquids blend and blend thoroughly without lumps or caking

These AUGGIES will mix, blend and feed rations for cattle, hogs, sheep, turkeys and chickens

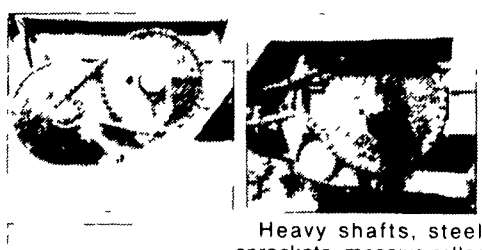
The Proven Performer With Features Like:

The triple auger chute is hydraulically driven—no gearbox or clutch—and features a magnet to help limit hardware disease

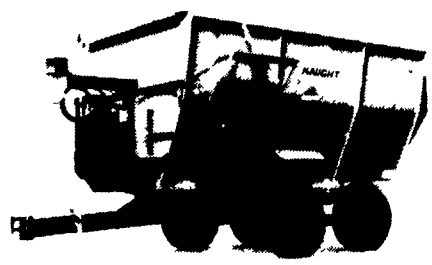


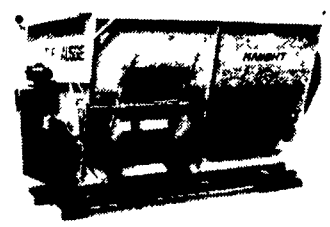
Notched augers (standard on Knight Auggies) assure thorough blending of hay lage type ruffages without bridging

Simple Durable Drives



Heavy shafts, steel sprockets, massive roller chains and self aligning bearings add up to a durable easy to-maintain Auggie drive line designed to give you years of trouble free service Low RPM main drives eliminate need for oil bath enclosure (Protective shields have been removed for illustration)





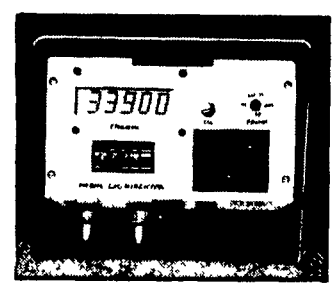
DIGITAL SCALE

The precision of digital electronics in Knight's weighing system gives you unheard-of control and accuracy in your mixed rations program.

Push-button control with direct automatic readout and built-in test system provide you with quick settings and simple operation

The rugged, yet sensitive scale weight bars, solid state performance, and water sealed construction afford you incredible reliability and accuracy of 1%

Knight's Digital Scale option gives you total control over your Total Mixed Ration Program and Knight's Auggie gives you the positive blend of all ingredients that you must have.

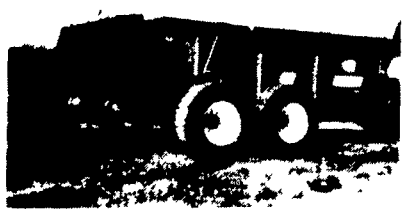


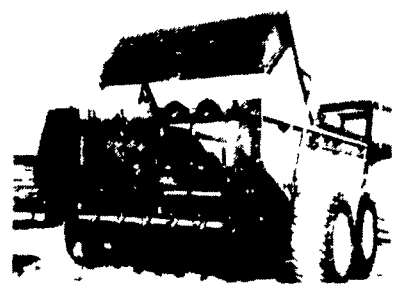
IN STOCK:

Heaviest 500 Bushel Manure Spreader Ever Built

NEW KNIGHT FEATURES YOU WILL LIKE

1. Double Gratz Web Chain
2. Lower Beater To Break Up Chunks
3. Hydraulic Cylinders On Each Side Of End Gate
4. Tandem Axles With 16 5x22 Tires
5. Special Copper Bearing Steel Alloy To Inhibit Corrosion
6. Heavy Duty Frame Extending All The Way To Rear Axle
7. Worm Driven Web
8. Heavy Duty Beaters With Some Of The Heaviest Bearings You Have Ever Seen On A Manure Spreader



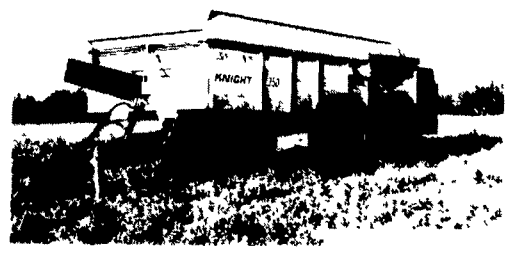


SAVE on HEAVY DUTY MANURE SPREADERS

KNIGHT

Look At This...UNLOAD YOUR LIQUIDS FASTER, JUST RAISE THE DUMP
"410 and 350 SOUPer SOLID"
Manure Spreaders In Stock
The Growing Number 1! No Ratchets or Belts to Trouble You

- Wide spreader beaters are made of heavy auger type with ripper prongs which eliminates chunks of unpulverized manure piles laying around in the field.



The combination of the hydraulic tilt hydraulic rear gate and lower spinner beater allows for a controlled spread and fast unloading

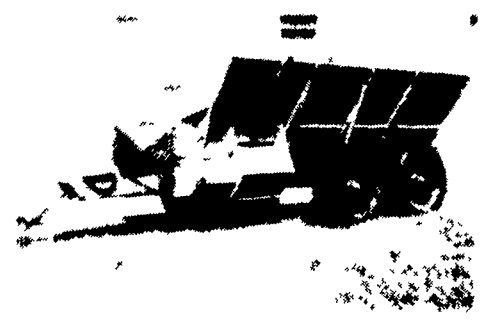
TRADE-UP TIME IS NOW...Call & Make A Deal

THESE MODELS IN STOCK

Model 500 -	Regular	350 - Regular
Model 410-	Reg. & SOUPer SOLID	252 - Regular
Model 350-	SOUPer SOLID	180 - Regular

COMPARE...If You Can Find A Better Spreader Than **KNIGHT**..
Buy It!

NEW 2500 "SLINGER" MANURE SPREADER



A multi-purpose spreader that will handle semi-fluids or solid manure using knight's hammer type discharge design.

DEMONSTRATOR IN STOCK

If You Are In The Market To Buy, Call Now For Details And A Free Demonstration

BINKLEY & HURST BROS.

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(717) 626-4705

Hours:
Mon. - Fri. 7 AM to 5 PM;
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REASONABLE FIXED RATE FINANCING AVAILABLE

FARM EQUIPMENT

500-E Int Crawler, $10,900.00; 4-900x16 Tires, $150.00; 6.5 Amp 110 V generator only, $125.00; 2010 John Deere 4 cyl. Diesel engine, $2500.00; Backhoe, $2500.00 only; Front Loader only, $2500.00; Michigan Payloader Jmy Diesel 4-wheel Drive Rear Steering, $4200; Call 717-733-3980.

IH 56 corn planter with fiberglass boxes and insecticide boxes. Good condition, Blair Co. 814-793-2033.

MF Massey Ferguson

SPERRY NEW HOLLAND

USED EQUIPMENT

TRACTORS

MF 35 w/Loader
MF 175
MF 285

EQUIPMENT

Gehl 65 Grinder-Mixer
Papec Grinder-Mixer
Gehl 2600 Skid Loader
Uni Loader 30 H.P. Skid Loader
NH L-35 Skid Loader
MF 110 Manure Spreader
NI 214 Manure Spreader
NH 367 Tank Spreader

MARLIN SCHREFFLER

Pitman, PA
717-648-1120

USED EQUIPMENT

NI 5 Wheel rake
Taylor-Way 14' Disc
NH #518 Manure Spreader
NH 346 Tank Spreader
NI 10 Ton Spreader
Ford #535 Mower Cond.
NH 358 Grinder Mixer w/scales like new
IH 1150 Grinder Mixer w/scales like new
14' Cultimulcher, Like new

USED TRACTORS

AC D14
AC 7060, low hrs.
AC 5050
Oliver Super 55 Tractor
Ford 860
Case 2290, like new
Used Lawn & Garden Tractors w/mowers

NEW EQUIPMENT AT USED PRICES
Many Models New Holland Spreaders

NEW EQUIPMENT
18'6" Amco Disc, $9800.
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Gleaner Combines

NEW HOLLAND MANURE SPREADERS

FULL LINE OF AC TRACTORS INCLUDING THE NEW 8000 SERIES CALL FOR DISCOUNT PRICES.

FREE PICK UP & DELIVERY ON MAJOR SERVICE WORK PERFORMED NOW THROUGH JANUARY 31, 1984.

ALSO 10% OFF ON PARTS USED ON THESE REPAIRS

BHM FARM EQUIPMENT INC.
RD1, Annville, PA
717-867-2211

USED NH 310 BALER W/ THROWER EXC. COND.

NEW #791 NEW HOLLAND MANURE SPREADER W/HYD. END GATE & SPLASH GUARD $7,850

NH #518 MANURE SPREADER

NEW NH #358 GRINDER-MIXER $7,800

SHOVER'S
Loysville, Pa.
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Ford Tractors Equipment

SPERRY NEW HOLLAND

TRACTORS

Ford TW10, 1200 hrs. no cab
Ford TW20, 500 hrs.
Ford 8000
Ford 8000 w/Cab
Ford 1500 w/Ag-Tech Loader, 306 hrs.
Ford 8N
Ford 600
Ford 5000 w/602 Picker
Ford 555 Tractor Loader, 300 hr. cab with counter weights
(2) Ford 555 Tractor/ Loader/ Backhoe, 800 hrs. 14' hoe, 170 hrs. 18' hoe, both with cabs
Ford 750 Tractor,/ Loader,/Backhoe, cab
Ford 4400 Tractor/ Loader 3 pt. hitch, PTO
Ford 535 Tractor/ Loader/ Backhoe
Ford 4500 Backhoe Loader
JD 2240
JD 3120 w/cab
IH TD8 Series E Dozer, hyd. tilt and hyd. angle.
Case DC
AC WD
AC D17
900 SOS Diesel
900 SOS Gas
OMC Skid Loader

(7) Ford 1000 Series Left Over Diesel Tractors

EQUIPMENT

(2) NH 328 Spreaders
IH 315 Combine 3 R Narrow Head & 11' Grain Head
NH 770 Fg. Harvester w/Grass Head
IH 830 Fg. harvester, Corn & Hay Heads
JD 20' Harrow on wheels
IH #14 Rake
NI & Farmhand Wheel Rakes
Bearcat #72 Flail Chopper
IH #27 Baler w/#10 Thrower
Lanco 14' Fg. Wagon 3 btr. Running gear & box.
Ford 9 tooth Soil Saver
NH 518 sgl. btr. spreader
Lawn & Garden Tractors w/Mowers & Snow Blowers

CHARLES S. SNYDER INC.
RD3 Tamaqua, PA 18252
Phone: 717-386-5945

FARM EQUIPMENT

Wanted - Used 30 HP 4 WD or Crawler type tractor w/3 pt. hitch and PTO loader optional. York County. 717-927-6564.

JD 2240 w/145 loader, excellent, 275 hrs., 1250 JD plows, 3 16" never used, JD 65 rear blade, excellent, JD 50 log splitter, excellent condition, Union Co. 717-524-2083.

For Sale - Complete M & W turbo kit for JD 404 motor, fits 4020, 4010 & 4230, $600; also M & W turbo kit for 3020 & 3010, $500, good condition; also JD wide front end. 717-532-8601.

1967 JD 4020 dsl., power shift transmission, wide front end, 20.8 x 38 tires, differential lock, $5,500. 717-532-8601.

JOHN DEERE

JD 4630 Tractor
JD 4430 Tractor w/Roll Guard
JD 4430 Tractor w/Row Crop Fenders
JD 4240 Tractor w/Cab, PS
JD 4030 Tractor
JD 4020 Side Console, WF
JD 4020 WF
JD 4010 Tractor
JD 2640 Tractor
JD 2640 Tractor w/145 Loader
JD 2440 Tractor
JD 2040 Tractor
JD 2020 Tractor w/Loader
JD 950 Tractor w/loader
JD 420 Lawn Tractor
Farmall 656 Tractor
Farmall M Tractor
IH 154 Lo-Boy w/mower
AC 7000 Tractor w/Cab
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 7000 4R Consv. Planter w/Dry Fert.
JD 7000 4R Consv Planter w/liq. fert.
JD 1240 4R Plateless Corn Planter
NI 325 2R Corn Picker
NI 323 1 Row Corn Picker
JD 3800 Chopper w/2R corn head
JD 35 Chopper w/2R corn head
JD 110 Disc
JD BWA Disc
JD B Plane 15 Disc Grain Drill
JD Kilafor offset Disc
JD FB Grain Drill
JD 950 10' Roller Harrow
JD 4400 Combine w/Platform & C.H.
JD 4400 Combine w/444 Corn Head & 13' Platform
JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
Gleaner A Combine
JD 34 Chopper w/1 Row Corn Head
JD 244 Corn Head
NI 279 Cut/ditioner
Brillion Cultimulcher
JD 10' Pull Type Chisel Plow
JD 1450 5B Plow
JD 1450 4B Plow
JD F145 5B Plow
JD 145 6B Plow
IH 5B Plow
IH 6B Plow
NH 318 Manure Spreader
NH Tank Spreader
NI 214 Manure Spreader
JD 400 Lawn & Garden Tractor
JD 420 Lawn Tractor
JD 317 Lawn Tractor
JD 300 Lawn Tractor

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

FARM EQUIPMENT

Wanted - Responsible married person with experience in milking. Like to milk AI preferred. No field work. Salary open. Call between 6-9 PM, 704-459-7632.

New idea two row mounted cornpick 12 roll husking bed, working condition $900.00, 717-284-4283, Lancaster Co.

MF1100 Diesel, W.F., Multi-powr, dual hyd., good rubber $6000.00 or best offer. 215-445-5898.

For Sale - NH 479 haybine, $1,300; 18' pipe bale wagon, $1,250; NH 276 baler with thrower, $3,300. 717-776-7888.

FARM EQUIPMENT

Wanted - 3 point hitch snow blower. Call 717-244-7393.

For Sale - 1250 Cub Cadette hydrostatic with mower and snow blade, $2,000. Call 717-244-7393.

For Sale - Woods 3 pt. hitch, 7' mower, like new. Call 717-244-7393.

For Sale - IHC Super A-touch control, cultivator, rt. hand plow, wheel weights, disc hillers, furrow openers, rear tire chains, 2 wheel trailer, leveling blade, 2 section harrow, all for $3,999. 1-717-345-8367, Schuykill Co., PA.

FARM EQUIPMENT

FOR SALE - Oliver 348 cushioned trip plow, 3 pt., 3 bottom 3x14" or 16", spring 20" coulters, heavy plow. Also 48", 3 pt. marvel finishing mower for small diesel tractor PTO. Both in very good cond. Call Matt 215-929-0522.

MF Super 90 69HP, gas, wide front, power steering, 3 point hitch, independent PTO, hydraulics, power adjust wheels, good tires $3200, 814-467-8839 or 814-467-7085.

FARM EQUIPMENT

Case Grinder Mixer, 60 HP tractor, runs well; cow and hog screens. Northumberland Co. 717-275-3309 after 7 PM.

Like new, NH 353 grinder mixer w/folding Auger, $3,900; good NH 352 grinder mixer w/Long Auger, $1,900; Skid Loaders - Case 1737, Case 1530-B, Bobcat 610, $2,500 - $2,900; Extra Tine buckets and pallet forks; MF 202 tractor and loader, $2,900; MF 110, $3,900. Elmer Gockley, 215-267-3281, Lanc. Co.

USED FARM EQUIPMENT

Kubota L185, 15 hp, w/mower & snow blade
JD model 50 tractor
JD 620 tractor
JD L Tractor w/plow & cultivators
MF 220 tractor, 26 HP w/mower
IH 1086 tractor w/cab
JD F125, 4x16, 3 pt. plow
JD F145A 5x16 semi-mount plow
JD F350 4x16 hydraulic reset plow
Freeman loader for MF 135 tractor
Sauder loader for JD 2010
JD 78 scraper blade
Brady 80" shredder
JD 709 rotary cutter, like new
JD 346 baler w/ejector
JD 567 6 wheel rake, like new
IH 56 corn planter w/disc openers
Oliver 10' transport disk
JD 494A Planter
JD 8300 grain drill, dd openers, 21x7
JD FBB 13x7 grain drill, excell cond
JD FBB 17x7 grain drill
JD FBB 17x7 grain drill for parts
JD 444 corn head
JD 7700 combine w/6 row corn head

PACE VISA

NEUHAUS'ES INC.
John Deere Sales & Service
RD2, York, PA 17403
Phone - 717-428-1953

Special Of The Week

2300 GALLON VACUUM TANK
Special
$7300.00

EQUIPMENT FOR SALE OR LEASE

BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Grain Drill with band seeder
Also:
Registered Holstein Bulls

SHOW-EASE STALL CO.
573 Willow Rd. Lancaster, Pa.
Ph: 717-299-2536

Engine Specialists Since 1915

WHITE ENGINES

Makers Of HERCULES Engine

The Diesel For:
- SHOPS
- GENERATOR SETS
- REPOWER, ETC.

Direct Injection Makes It Easy Starting

DIESELS OUR SPECIALTY

Let Us Know Your Service Problems
24 Hour Service - Check Our Prices

HOOVER DIESEL SERVICE

PH: 717-656-6133
2998 West Newport Rd
Ronks, Pa. 17572
2½ mile East of Leola - Along 772

PH: 717-786-2173
RD 3, Box 91A
Quarryville, Pa. 17566
2 miles west of Georgetown on Furnace Road

DEALEP INQUIRIES INVITED

NOTICE

1984 is here, and time to think about:
16' or 18' bale thrower wagons:
We also build on your gear or repair.
Round steel hay racks, hay racks and feed bunk combinations, plus other styles.
Feed and silage carts, 2 different styles of mineral feeders. Also other wood or steel products mfg.

For free brochure write:

Bell Road Wagon Shop
Box 280 Bell Road
Christiana #1, PA 17509
1 mile south of Ninepoints off 896 on Bell Road.

Dealers Welcome

NEW:

HOOK-N-LINK CHAIN

- 2" high Angle Flight, 24" Centers @ $8.85/ft.
- 2" high Angle Flight, 18" Centers @ $9.35/ft.

Our chain will replace existing installations of Patz, Berg and Jamesway. Corner Rollers, Reverse Curves and Sprockets are also available!

BALE CHOPPER — GOOSSEN

3-Point, mounted with blower and distributor for feeding hay into a Mix Wagon with silage and grain for a TMR.

ROLLER MIXER

6½" Cut, Demo Unit w/Cob Crusher & Husk Shredder, 105 Bu. Tank, 14'8" Unloading Auger

BONITA PRODUCTS
(717) 263-8914

TRIPLE H EQUIPMENT

VERMEER Vicon

Peach Bottom, Pa.
717-548-3775 or 717-548-2094

SUPER SPECIALS ON ROUND BALERS

(1) Used 504F
(1) Used 504 Supe SOLD
(2) New 504H
(1) New 605H
(1) New RP 1500 Vicon $10,200

RAKES AND TEDDERS

(1) Demo Vermeer R21B $5600
(1) Vermeer 360 Tedder Rake $2250
(1) Demo Vicon RC 330 ..... $2145
(2) New RC 300 ..... ea $2000
New 2 and 4 Basket Tedders
Vicon Wheel Rakes...all sizes

NO TILL DRILLS

(1) Used Tye 7' 3 pt. $3000
(1) Used Haybuster 1068 ..... $5900
(1) New Haybuster 107 ..... $8400

SPECIALS ON SPIN SPREADERS	NET
(4) FESA 600 lb. capacity	$318
(3) Vicon PS 302	$640
(2) PS 402	$980
(4) PS 602	$1060
(2) PS 802	$1220
(1) PS 1002	$1420

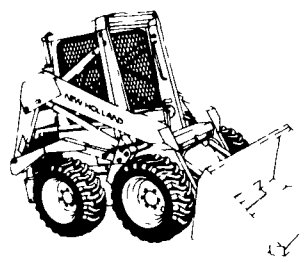
Welcome To Our

OPEN HOUSE

AND SALES DAYS

Thursday and Friday, January 26 and 27 - 9 AM to 4 PM

THESE SUPER SPECIALS MUST BE SOLD

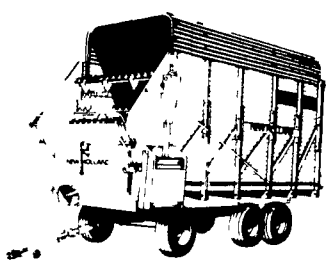


L-425 SUPER BOOM SKID LOADER

USED AC 7010 106 HP Low Hours

Carries New Warranty - Deluxe, Really Loaded

8 CROP CARRIER w/234 GEAR



OTHER SPECIALS

NEW - NH 1495 HAYBINE w/Cab, Loaded

NEW N.H. 1900 S.P. FORAGE HARVESTER, Loaded

NEW A.C. 2500 DISK 17 Ft. 10 In.

LADIES DAY

FRIDAY, JANUARY 27th at 2 PM

Ann Yeagley from Stauffer's of Kissel Hill will present a Craft Program including:

- Basket Weaving
- Wood Graining
- Chicken Scratching

COMPANY REPRESENTATIVES FROM VARIOUS SUPPLIERS WILL BE IN ATTENDANCE

SUPER OPEN HOUSE SPECIAL

Simplicity 4211 Hydrostatic w/36" Mower and Rear Grass Catcher

ONE ONLY

Reg. $2649

SALE $1790

SAVE $859

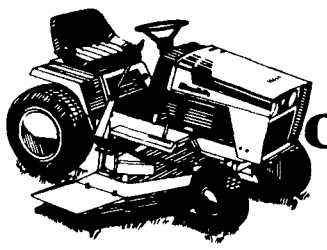
SEE KEN EBERSOLE, SHOP FOREMAN, For OPEN HOUSE SPECIALS On HYDRAULIC & ENGINE OILS

5 Gallons & Up

- Free Estimates On Reconditioning Your Farm Equipment
- Free Pick-Up & Delivery Of Work Scheduled During January & February.
- Also An Additional 10% Discount Off Total Repair Bills Paid On Completion Of Work

Our Sales Staff Will Be Available To Assist You

- KEN RUTT
- DALVIN KRUG
- PARK LeFEVER
- JACK STAUFFER



OTHER OPEN HOUSE SPECIALS

Used Lawn & Garden Equipment

- Simplicity 728
- Simplicity 7117 - 48" Mower
- Simplicity 7010 - 42" Mower
- Simplicity 637 - 36" Mower

New Lawn & Garden Equipment

- Simplicity 4208, 5 Speed, 36" Mower $1760
- Simplicity 5216, 42" Mower $2950

SPECIAL SALE ON NEW & USED LAWN EQUIPMENT - 2 DAYS ONLY

While Supplies Last

USED EQUIPMENT

All In Excellent Condition

- NH 676 Spreader (Recond.)
- NH 273 Engine Balers
- NH 275 Engine Baler
- NH 479 Haybine
- MF 260 Harvester w/2 Row Head & Pickup
- NH 488 Haybine
- Holland 2 Row Transplanter
- Holland 1 Row Transplanter
- Woods C80 Mower
- Glencoe Field Cultivator
- Brillion Transport Harrow 16'
- AC Forage Wagon w/Gear
- AC 303 PTO Baler
- AC 4-Row Cultivator
- NH L775 Skid Loader

See Dennis Shenk About 10% CASH DISCOUNT ON PARTS

Specials on Lawn & Garden Equipment

WAVIER OF FINANCE

- **AC Tractors & Implements** till December 1, 1984
- **NH Hay Equipment** till July 1, 1984
- **NH Forage Equipment** till Sept. 1, 1984
- **Spreaders and Grinder-Mixers** till April 1, 1984

ALLIS-CHALMERS

L. H. BRUBAKER, INC.

350 STRASBURG PIKE PHONE (717) 397-5179 LANCASTER, PA

★ MOVIES ★ DOOR PRIZES ★ REFRESHMENTS

SPERRY NEW HOLLAND

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

M & R EQUIPMENT, INC.

NEW PARK, PA

Ph 717-993-2511 - 717-246-1972

CASE

SPERRY NEW HOLLAND

INTERNATIONAL HARVESTER

KUBOTA

Available - 10.5% Financing On All New Kubotas

IH New 1420 Combine Now With SOLD eatable Rebate
Used 1440 Combine
Used IH #10 16x7 Grain Drill w/Seeder & Fert.
Used IH 1150 Gi SOLD Mixer
Used 2 Sets of Flat Top Fenders for 06, 56 Series
Used NI 305 Mounted Picker, 656
Used IH 615, Combine, Cab, 1 owner. We sold new
New IH 3388 2+2, 300 hrs.

ALL ABOVE USED EQUIPMENT IN EXCELLENT CONDITION

NH 425 Skid Loader, Demo., cab enclosure, 2 buckets, 10.50 tires, fully equipped, $10,400

NEW TRACTORS

IH 5088
IH 3088
IH 884, 4WD
IH 784, 2WD, w/TA
IH 584
IH 244
IH 234, hydro.

JD 3800 forage harvester both heads, good for parts or fix it yourself
Oliver 15 row grain drill, good cond.
JD 110 disc
IH 480 disc, new blades, w/cyl
NH 717 Chopper
105 Cub Cadet, hydrostatic
IH 350 Diesel, fast hitch, power steering
JD 2510 diesel, excell.
IH 2400 Ind. tractor w/6 way heavy duty front mtd. blade - ideal for snow
JD 50 tractor w/corn picker, power steering
JD 440 crawler - loader
JD 34 chopper
615 combine w/cab, 1/owner

INVENTORY REDUCTION SALE

USED COMBINES:

10.9% Financing or
May 1, 1984 Waiver

MF 760 Combine
MF 750 Combine
MF 750 Combine
MF 750 Combine
MF 510 Combine
MF 410 Combine
WT 8800 Combine
WT 8800 Combine
NH 1400 Combine
NH 975 combine

All available with 13' Tables and various corn heads
MF 24, 23, 43, 44, 63, 64

USED TRACTORS:

MF 1085 w/new plow
MM M5
MF 165 Gas w/Sauder Loader
Wheel Horse D-180 19 hp 2 cyl. w/ Snow Plow

Plus a large selection of New MF tractors Available with a waiver of 9.9% APR Financing

CALL OR STOP IN TODAY
ALSO SPECIAL DEALS ON GT GRAIN DRYERS

GUS FARM EQUIP. INC.

MF Massey Ferguson

Box 85 Route 616
Seven Valleys, PA 17360
717-428-1967

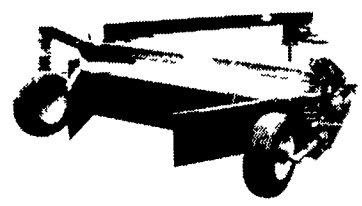
Call

"Triple H Equipment"

for the **1** Series Mower Conditioner from Vicon

Now in 3 sizes ideal for use on your size farm:
- KM 321 working width 10'7"
- KM 281 working width 9'5"
- KM 241 working width 8'

1 - All Mower-Conditioners utilize the patented drawbar and drive line to enable 90 degree and sharper turns under full power.



1 - Larger triangular discs for more knife overlap
1- Full length nylon conditioning rolls tougher than rubber - for thorough, even conditioning

Call Today for Savings and Big Cash Discounts on all Vicon Equipment

717-548-3775 or 717-548-2094
or write: RD #1, Box 141 Peach Bottom, PA 17563

CHAMBERSBURG FARM SERVICE, INC.

OMC

975 S. Main St. Chambersburg, PA

Badger (717) 264-3533 (717) 597-8811 (717) 532-8800 AVCO NEW IDEA

USED TRACTORS

IH B
IH 826 w/ROPS
IH 656 Dsl
IH 706
IH 200 Farmall
IH 756 Diesel
IH 806 w/new TA
IH 1066 w/cab, 2050 hrs
IH 2050 Loader w/Side Pump
IH 504 w/NI Loader
Farmall M
JD 620
JD 70 Skid Loader (like new)
JD B
#10 Hydra Mac Skid Loader
1976 Chevy C60 Truck
Ford NAA w/Sauder Loader
AC WD

TILLAGE EQUIPMENT

IH 350 Disc, 9'10"
IH 710 4x16 Plow Reset
IH 720 5B 20" Plow
IH 700 5x16 reset Plow
JD 5x16 Reset Plow
JD 4x16 Reset Plow
Case 8' Disc Offset
IH 19B Disc (like new)
IH 9A 9' Disc (like new)
Kewanee 13'6" Wheel Disc
Athens 7' Chisel Plow
Athens #131 13' Disc
Athens #131 11'6" Disc
IH 350 Wheel Disc
IH 53 4 Row Cultivator
Niemeyer Power Harrow
IH 450 3x16 Plow
IH #55 13' Chisel Plow 3 Bar
IH #55 7' Chisel Plow 3 Bar

HARVESTERS

Fox 2200 Harvester w/2 Row Head
Fox 546 Fg Harvester
Fox 249 Snapper Head
Fox 1000 Fg Harvester
Fox 2RN Belt Corn Head
NH #818 Fg Harvester
IH 555 Fg Harvester
JD 38 w/2RW Head
JD 38 w/2RN Head

MISCELLANEOUS

OMC 540 Stacker
Jamesway 60' Belt Feeder
KW Loader for IH 284
Boyhill 300 gal Sprayer
Hesston #10 Stacker
Better Bilt 12' Manure Pump
Demco 500 gal Sprayer
Zimmerman 40' Elevator
Mayrath 34' Elevator
Harson 200 gal sprayer
Badger 24' Silo Unloader
Silo-Matic 24' Silo Unloader
NI 12' Fert Spreader
Anderson Stone Picker
Badger 11"40' Conveyor

WE SHIP PARTS UPS DAILY

OPEN HOUSE GREEN CASTLE STORE FEB. 6 to 10

GRAIN DRILLS

JD 13x7 Grain Drill
JD FBB Grain Drill
Oliver 10x7 Grain Drill
Oliver 17x7 Grain Drill
IH 13x7 Grain Drill
IH 510 13x7 Grain Drill, nice
Tye No Till 80" 3 pt Drill
JD FBB Grain Drill

HAY EQUIPMENT

IH 47 Baler w/Thrower
IH 440 Baler
IH 37 Baler w/Thrower
IH 990 9' Windrower
IH 5000 Windrower
Hesston 320 AP 9' Windrower
Hesston PT10 Windrower
Case 555 Windrower
NH 27 Blower
IH 56 Blower
Fox Blower
NH #46 7 Mower
JD 3 pt hitch 7' mower
VanDale 180 Feeder Wagon
Coby 4000 Wagon

WAGONS

(2) Badger 14' Wagons, like new
Grove 14' Wagon

CORN PLANTERS

IH 56 4 Row W/N
IH 455 4R and 6R
IH 449 4R
IH 400 4R & 6R W/N
JD 1240 4 Row
Ferguson 2R 3 pt Hitch
White 5400 4R no-till liquid fert, insect boxes, markers, monitors 30"

PLOWS

JD 3 pt hitch 2 bottom plow

SPREADERS

NI 218 Manure Spreader
NI 214 Manure Spreader
NI 213 Manure Spreader
NI 212 Manure Spreader
NI 206 gr dr Spreader
NH 346 Tank Spreader
Hawk Bilt 357 Spreader
Hawk Bilt 205 Spreader
Clay 1500 gal Manure Tank

NEW IDEA UNI EQUIPMENT

NI 708 Uni, less than 800 hrs
767 Super Chopper
768 3RWN Corn Head
NI 702 Dsl Uni
840 Feeder House
818 Combine
767 Super Chopper
713S Platform
744N 4 Row Corn Head
844W 4 Row Corn Head
770 Ear corn Adaptor
710 Combine
324 Picker w/12 roll bed
NI #330 3RN picker

COMBINES

IH 915 Combine w/6R Corn Head
IH 715 Combine w/4R Corn Head
IH 205 Combine w/13' Platform
IH 843 4 Row N Corn Head
IH 76 Combine
IH 303 Combine w/13' Platform
Oliver #40 Combine
JD 45 Combine

Coming In
Tye no till Drill
IH 510 16x7 Grain Drill
IH 19B Disc
IH 350 Disc 11'
IH 401 12' Harrow

MELROSE FARM SERVICE

Greencastle, Pa. 717-597-3138

case GEHL HESSTON SAME

★ USED EQUIPMENT SPECIALS ★

USED TRACTORS

Case 870 w/Cab & Air Cond.
Case 870, Power Shift
Case 885 w/Loader
Case 570 w/Loader
Case 930 Case 1030
Case 1070 Case SOLD 70
MF 1085 MF1135
JD 3010 Int. 1086
Allis Chalmers WD45
Ford 9N

USED SKID STEER

Gehl 2500 A Gehl 2600
Gehl 2600
Gehl 4500 (1979)
Case 1845 Gas or Diesel
Case 1845 (1979) Exc. Cond.
Case 1830 Case 1816

USED BALERS

Hesston 5540 Round Baler
Hesston 5600 Round Baler
Case 230 Conventional Baler w/kicker
Hesston SH10 Stacker

WAGONS

(2) Grove Wagons w/Hyd. Drive, 16'
Grove 16' w/3 Beater Roof & 12-Ton SOLD em Wagon - Exc. Cond.
Jerdan 3 Beater w/12 Ton Running Gear & Hyd. Drive
JD 216 Wagon, 16' 2-Beater

USED HARVESTERS

IH 830 w/2-Row Narrow and Hay Pickup
Gehl 83 w/1-Row Head, Hay Pickup & Direct Cut Head
Gehl 3 Row Wide Cornhead
(2) Gehl CB600's
Gehl CT300
Fox Super 1000
JD 3800

USED PLOWS

JD 3-Bot. 14" Trailer
JD 4-Bot. 16" Mounted
Ford 5-Bot. Semi Mtd. Plow

USED WINDROWERS

Hesston 420
(3) Case 555's
Gehl 1090

USED BLOWERS

Fox Blower (2) Gehl 99
Oliver (Kools)

MISCELLANEOUS

Case Disk
NH 350 Grinder Mixer
Gehl 95 Grinder Mixer
Sauder Loader For 8N
Several Farm Loaders
Cagle 500 Sprayer
187 Hawk Bilt Spreader
5' Sidewinder Mower (New)

USED SPECIAL! **Hesston 7655 Side Dump Self-Propelled Harvester**
★ 1 Left-Ex. Cond.-Priced to Sell!

STOUFFER BROS. INC.

1066 Lincoln Way West, Chambersburg, Pa.
Phone 717-263-8424

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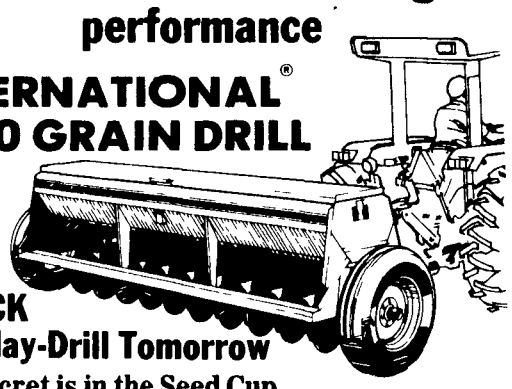
Phone: (717) 367-1319 Warren Spickler-Home 653-4560 We Ship UPS

VISA

Better than ever seeding performance

INTERNATIONAL® 5100 GRAIN DRILL



IN STOCK
Buy Today-Drill Tomorrow

The Secret is in the Seed Cup and the Depth Control Wheels

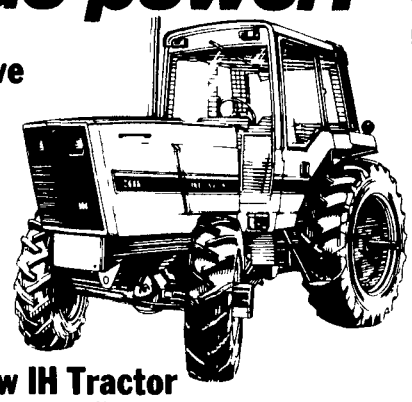
1. **Fluted roll,** molded of oxidecoated sintered metal, is tops for precision, smoothness and resistance to corrosion. It's well-supported at both ends, and precisely aligned for accuracy. It turns extra easy, and won't freeze up during idle periods.
2. **Shut-off block** of sintered metal, is also precision-molded for accuracy.
3. **Fluted washer** fits over the roll and mates closely with it. It's cadmiumplated to prevent corrosion, keep it like new for years.
4. **Insert** acts as a positive bearing surface to surround and support the fluted washer, reduce wear.

Depth Control and press wheels aid in faster seed germination.

Go power!

IH 5288 All Wheel Drive

160 PTO hp



Farmers #1 Choice

The New IH Tractor gives you #1

- **Performance**
- **Productivity**
- **Reliability**

WAIVER OF FINANCE TILL MARCH 1, 1984
OR CASH REBATES OR TRIP TO ENGLAND

GOOD USED TRACTORS

• IH 1086D w/Cab & Air • IH 1066D w/Cab New Rubber

PLANTERS

IH 800 4 row corn planters dry fer tilizer monitor insecticide ex cellent condition Don t Miss This Good Buy Waiver Till Next March 1984
IH 400 6 Row Monitor Fert At tach Insecticides Fully Equip ped
IH 56 4 Row Fert
Int 56 2 Row
Ontario 16 Disc Grain Drill (Nice)

TILLAGE

Glencoe 13 shank Chisel
JD 350 6 bottom auto reset Plow
IH 311 plow
IH 37 Disk Harrow
Athens 9 Shank High Clearance Chisel Plow

SKID STEER LOADERS

NH L425 Skid Loader
NH L775 Diesel Skid Loader

Early To Bed - Early To Rise

See the 800 No-Till Planter

4 & 6 Row Planters In Stock, Ready To Go

A GOOD SELECTION OF USED EQUIPMENT

HAY & FORAGE EQUIPMENT

NH 268 Baler & Thrower
JD 24T Baler & Thrower
Used N H 1495 S P Haybine w/12 Ft Rolareel Header Ex Condition
NH 469 Haybine
NH 495 Haybine 12 Rolareel End w/Transport Ex Condition
JD 3800 Harvester 2 Row Cornhead & Pickup Att
Gehl Model CB600 w/2 Row Cornhead & Pickup Attach
IH Model 56 Blower H D PTO
IH Model 60 Shredder 6 Narrow Rows 4 Transport Wheels Cylinder & Hose (Excellent)
IH Model 56 Blower New Band
NH Model 890 Forage Harvester w/Electric Controls New Knives 2 or 3 Row Cornhead & Pickup At tachment
NH 479 Haybine Excellent
Int 555 Harvester w/2 Row Corn Head
NH 234 Wagon w/Flotation Tires Ad justable Tongue
NI 4 Row Shredder
NH 278 Baler w/58 Thrower
NH 38 Flail Chopper Excellent
Badger Silage Box Tandem Axle Like New

MISCELLANEOUS

JD 3 Section Rotary Hoe
New Idea 1 Row Pull Type Corn Picker
NH 354 Grinder Mixer
NH 352 Grinder Mixer
NH Model 155 Elevator 24 Ft
Lilliston 72' Rotary Shredder
IH 2355 Loader Demo

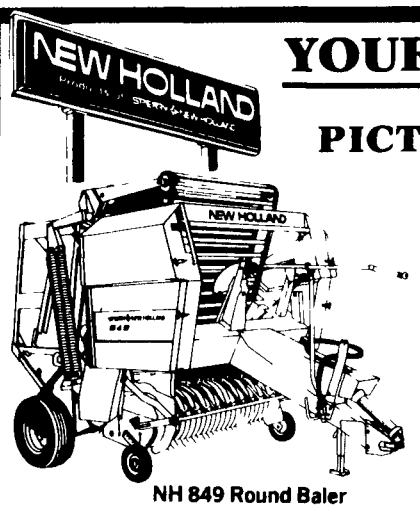
SPREADERS

IH 3 Beater 160 Spreader
NH 365 Tank Spreader
NI Model 214 3 Beater Spreader Excellent Condition

TRACTORS

IH 1086 w/cab (excellent)
IH 656D Hydrostatic Drive
Farmall H
IH 574 D Tractor
1066D w/Cab New Tires

YOUR HAY MACHINE HEADQUARTERS

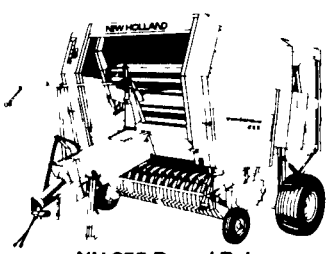


NH 849 Round Baler

PICTURE PERFECT BALES

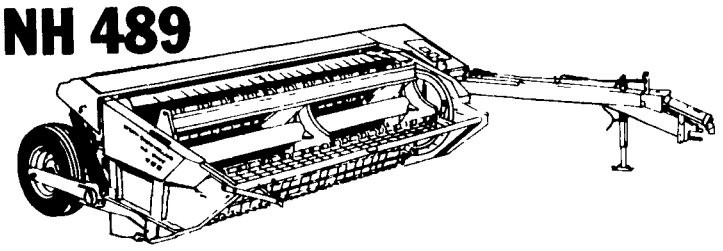
FEATURES:
- Roll Floor Design
- Super Sweep Pickup
- 2 Year or 5,000 Bale Chain Warranty
- Automatic Wrap
- Bale Size Indicator
- Bale Counter
- Bale Ejector Package
- Automatic Chain Oiler
- Heavy-Duty Driveline

WAIVER OF FINANCE Till July 1, 1984 OR CASH REBATES
All This PLUS WINTER BUYER'S DIVIDEND OF $300



NH 855 Round Baler

NH 489



The Most Deluxe 9 Ft. Mower Conditioner

Number one!

Sperry New Holland Rolabar® Rakes the best selling rakes in North America.

LOOK FOR OUR OPEN HOUSE FEBRUARY 15th-18th

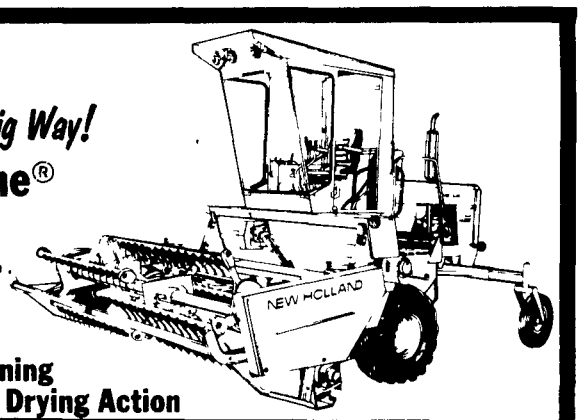
FEBRUARY						1984
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

STIHL
THE WORLD'S LARGEST SELLING CHAIN SAW

Hay In A Big Way!

1495 Haybine® Mower/ Conditioner

- **12 ft. Cut w/9 ft. Conditioning Rolls for Faster Drying Action**



ATTENTION POULTRY FARMERS

Pressure Washer Hose SPECIAL $1.35/ft.

SPECIAL PRICES ON GUARANTEED USED EQUIP.

Like New, Some One Year Old Or Less

- NH 892 Harvester w/919 N3 Corn Head & 919 Pickup Attach
- NH #8 Forage Box Wagon, High Side, Roof, 3 Beater w/NH Model 238 Tandem Axle Gear
- NH L445 D Skid Loader
- NH 495 Haybine, 12 Ft.
- NH 849 Round Baler w/Auto Wrap
- NH 256 Rake
- NH 234 Wagon Flotation Tires
- NH 320 Baler
- NH 488 Haybine

GUARANTEED USED SPREADERS

- NH 679 w/Hyd Gate, Top Beater, Splash Guard
- NH 790 w/Hyd Gate, Splash Guard
- NH 791 w/Hyd Gate, Splash Guard, Fine Pan, New Floor Chain
- NI 214 3 Beater, 210 Bu

IF YOU'RE LOOKING FOR A GOOD USED SPREADER, CHECK OUT THESE SPECIALS!

WAIVER OF FINANCE ON SPREADERS TILL APRIL 1, 1984 OR LOW RATE FINANCING

MESSICK FARM EQUIPMENT, INC.

RHEEMS EXIT - RT. 283, ELIZABETHTOWN, PA
PHONE: 717-367-1319, 653-8867
WARREN SPICKLER — HOME 653-4560
★ WE SHIP UPS

VISA

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

REPAIRS AND OVERHAUL

WINTER DISCOUNTS ON NEW HOLLAND, AC, VANDALE, STARLINE AND OTHER BRANDS OF FARM EQUIPMENT.

NEW EQUIPMENT

CALL FOR SPECIAL WINTER PRICES AND TERMS. FREE FINANCE ON SOME PRODUCTS AS LATE AS SEPT. 1, 1984 OR LOW FINANCE CHARGES ON ALL NEW AND USED SNH EQUIPMENT. 4.9%, 7.9% or 10.9%, APR FOR 12, 24 AND 36 MONS. RESPECTIVELY.
Also Winter Buyers Dividends and Cash Allowances in lieu of finance on most equipment.

USED EQUIPMENT

NH L-325 Skid Steer Loader w/54" bucket **$6,250**

24' Elevator w/Motor . . . **$490**
Repaired 3 & 5 H.P. Elec. Motors . . . . . **$100 to $150**
NH 469 mower conditioner **$1685**
Hawk Bilt 145 Bu Tank Spreader
NH 273 PTO Baler, Ld. Chute. . . . **$1475**
Special NH L-35 (Rental) Skid Loader large frame Limited Time **$9,500**
Special 3000 (Rental) gal. liquid Tank Spreader w/ejectors **$5,950**

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SPERRY NEW HOLLAND
PARTS and SERVICE
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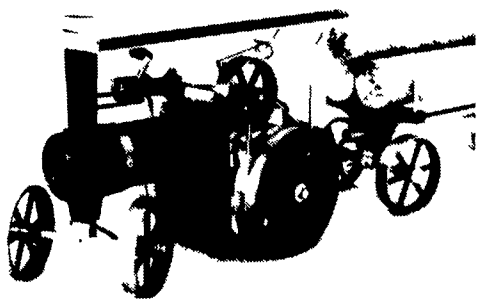
SALES ★ SERVICE

Phone: 717-626-7766 or 626-1859
700 Woodcrest Avenue, RD3, Lititz, PA

NEW! LIVE STEAM TRACTORS



This working replica was used years ago in lumber Camps and Threshing Runs These tractors come complete with Brass Boilers Copper Steam Pipes Steel Fire Box Cylinder Piston and Whistle that actually blows Made of Brass Uses water and burns solid fuel supplied Takes 3 5 minutes to raise steam then will go ⅓ of a mile Self Propelled Develops 1/15 Hp 3000 rpm 10" long 7" high 5" wide Weight 3½ pounds Fitted with reverse control sight glass and steering extension Can also be used to drive workshop models N A T R Award winners Made in England A real work of Art gleaming and Beautiful Makes an ideal Mantel piece $109 95 Postpaid

LUMBER WAGON A highly realistic outfit Tub ular chassis has swivel front axle and draw bar which hitches on to rear of traction Engine Simulated tree trunks are included All steel construction $29 95 Postpaid

WORKSHOP The ideal companion piece to steam tractors Can be driven by any Mamod engine or other motors Included are LIneshaft polishing machine, grinding machine Power Hammer, power press $49 95 postpaid

SPECIAL! Complete Set STEAM TRACTOR LUMBER WAGON and WORKSHOP $189 95 Value for $175 95 Postpaid

Free Colored Brochure and price list of Steam TRACTOR, STEAM POWER ENGINES, STEAM ROLLER STEAM ROADSTER LOCOMOTIVE etc

FREE BOOK "STEAM TRACTION ENGINES WAGONS AND ROLLERS" 158 colored photos, 180 pages Hardcover $11 95 Free with any order Will ship C O D Phone Orders Taken Orders Shipped within 3 Working Days

DIAMOND FARM BOOK PUBLISHERS
Dept LFT Box 537, Alexandria Bay, NY 13607
Phone (613) 475-1771

USED TRACTORS

JD 4430, cab, air, quad range trans.
JD 4430, power shift, roll guard
JD 4430 powershift, cab & air
JD 4320, no cab
JD 4320 w/cab, sharp
JD 4520, New tires
JD 4520 w/cab & duals
JD 4020, power shift
JD 4020 Syncro
JD 2940, w/roll guard w/500 hrs.
JD 2040 diesel
JD 2020 diesel
JD 3020 gas
JD 3020 Diesel, Syncro
JD 3020 powershift
IHC 986 cab & air, sharp, 150 hrs.
IH 966, cab and air
IH 966 w/roll guard
IH 1466 w/cab
IH 766
IH 1256 w/cab
IH 656 wide front
IH 656 utility w/loader
IH 574
IH 544 diesel
Ford 9600
AC 7030 w/cab, real nice
AC 7030
AC 210 diesel
White 4-180 w/duals, quick coupler, used 2000 hours.
MF 1105

USED COMBINES

JD 6600 Diesel
JD 4400 w/4R cornhead
JD 55 corn special
Oliver 525 w/2 heads, exc. cond.
NI 702 tractor w/710 combine
NI 702 w/chopper & 3 row head

USED HARVESTERS

Fox 2 row snapper head
Used Moridge grain dryer
Late Model NI 702 uni tractor w/767 Super Chopper, 3 row head & pickup head
Fox 2000
Fox Custom 90
NH 770 w/2 heads

MISCELLANEOUS

1980 Chevy tandem w/26' Jerdan rollback, like new
JD power till grain drill
IH 510 grain drill
JD 346 wire baler w/thrower
JD 346 twine baler w/thrower
NH 278 baler
Keewanne 20' hydraulic fold disc
JD 21' hydraulic fold disc
Large selection of smaller discs
Large selection of plows from 3 to 7 bottom
Gehl 4400 skid steer loader
NH 469 haybine
New Farmhand loaders for IH and JD tractors

D & R EQUIPMENT INC.

Ringoes, New Jersey (201) 782-5082

WENGERS INC.

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NIGHTS, PHONE: 717-866-7147 or 717-273-9089

FINANCING AVAILABLE WITH 20% DOWN - UP TO 7 YEARS

CONSTRUCTION EQUIPMENT

NEW 1984 TRAILERS ON SPECIAL
• 2 Axle, 4 Ton. $1450

BACKHOES

Ford 4500 . . . $10,500
Long 5 in 1. . . $16,500
IH 3820. . . . . $16,500
Ford 4500 . . . . $7500
Ford 4500 . . . . $9500
Case 580B . $12,500
Ford 8N $3500
Hein Werner C12. . . . . $8500
IH 3444 . . . $7500
Ford 5500. . $12,500
IH 260A. $14,500
IH 3414 . $6500
IH 3500 . $6500
White . . $6500

BACKHOE ATTACHMENTS

(5) Ford Hoe Attach $1750 & up
(2) JD . . . $3500 & up
(3) Case $2500 & up
AC $2500
(3) 3 pt. Hoe Attach $2250 & up
(5) IH Hoe Attach $2500 & up

CRAWLER LOADERS

JD 450 - As Is . . $5750
Cat 955H. . . $16,500
Cat 951B. . . . $21,500
JD 350B w/Backhoe . $18,500
Cat 977L. . . $68,500
JD 350 w/4 in 1 . . . . . $8950
Case 350 . . . $8950
Cat 941B. . . . $26,500
Case 450 w/Hoe $14,500

DOZERS

JD 430 . $5000
Cat D8H $22,500
JD 450 - 6 Way . $12,500
Cat D4C $12,500
AC HD4 $8500
JD 2010 $6850

OFF ROAD ROCK DUMPS

(4) Mack 25 Ton Rock Trucks. . . . . Call
(3) Mack 20 Ton Rock Trucks. . . . . Call

TRACTORS WITH LOADERS

Ford 600 . . . $3250
Ford 8N . . $2450
JD 400 . . $7500
IH 2400 . . . $7500
IH 2400 Coming in
AC I600-As Is- $3500
AC D15-As Is- . $2950
Case 530-As Is- $2950

MISC. CONSTRUCTION

(40) Used hoe buckets . . . From $100
(25) Loader buckets . . . From $100
(30) Set forklift forks . . . . . From $300
(6) Winches . . . . . Call
Wayne 984 Diesel Street Sweeper $8950

FORKLIFTS

Int. 7000 - 21' $10,500
Int. 4500B - 21' $12,500
IH 544. . . . . $5750

RUBBER TIRED LOADERS

OMC 770 $17,500
Ford A62 1978 Nice Cab $27,500
Hough 50 $8500

TRAILERS

1984 2X 4 Ton . . . . $1450 & $1600
1978 2X 6 Ton $2650
1983 3X 9 Ton $4400
1983 1X 2 Ton . $1150
1984 2X 12 Ton $5800
1983 2x6 Ton $3600
1977 10 Ton 5th Wheel $3950
Used 6 Ton $2250
Used 9 Ton $2750
Used 25 Ton $3500
Freuhauf 40' Flat . . $2500
(2) 1979 Strick 40' Flats $7000

LOG SKIDDERS

JD 440B $13,500
(2) JD 540A $13,500
Tree Farmer- As Is- $3850

SPECIAL

Winco 55 KW P.T.O. Generator Single Phase-Continuous Duty 1000 RPM-110V & 220V, Heavy Duty Trailer, Welder Recepticale, Used 20 Hours-Like New - $2950

CLEAN N.I. UNI SYSTEMS

(Mix & Match Attachments)
• Tractors - 706D w/Cab, 705D w/Cab 702 w/Cab (Late)
• Husking Beds - 727, 726, 721
• Harvesters - 767, 760
• Sheller - 729A
• Pickup Heads - 766, 761
• Grain Heads - 715, 713, 711
• 4 Row Cornheads - 844N, 738, 731
• 3 Row Cornheads - 743N, 735, 725, 763, 724
• 2 Row Cornheads - 723, 762
• High Moisture Throat For 760
• Combines - 710

TRACTOR CABS

IH 06 Cab. $775
JD 4620 Cab $1250
(3) Used for JD 4020 $350 to $1500
Used for Ford 6000 $775
New for Ford 5000-7000 $1800
(5) New for MF- 275 to 1155 . . . $2000
(10) Used Rollbars Call
New Cooler for Cab $500
(2) Used for IH 66. . $950 & 1500
Used For JD 4230 $1250
MF 1130 Cab. $1500

ELEVATORS & AUGERS

LG Corn Drags
Cardinal 56' 8" Auger
NH 36'
Case
Mayrath

FLAIL CHOPPERS

JD 16A - 15A
Gehl 72
NH 36
MC

CULTIVATORS

Ford 2x - 4x
JD 2x - 4x - 1x
IH 2x - 4x - 1x

CORNSHELLERS

JD 43 3 pt. & pull type
MM 1200
JD 6
NI For pull & mtd.

CULTIMULCHERS

11' to 15' Cultipackers - 9' to 14'

SKID STEER LOADERS

OMC 1700 Diesel . $6500
IH 4150 Diesel . . $9500
Melroe 720 $8500
Melroe 611 $6500

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

WENGERS INC.

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TRADES WELCOME - REASONABLE PRICES

FARMALL TRACTORS

1066-No Cab ..... Coming in
Cub-Late Model w/Rotary .. $3850
200 w/FH $2000
806D-TRY-FH $5850
856D-WF-3 pt. $7500
856 w/Cab-WF-FH $8500
C - Good Rubber $1500
384 - 600 Hours - Nice $7850
(2) 756 Diesel-WF-FH-Choice $6850
1256 w/Cab - Air - Nice ... $10,450
656D Hydro $6350
1066 Red Cab - Nice $13,950
154 w/Rotary Mower - Nice . $3850
1256 w/Cab - Clean. $10,950
Cub w/Fast Hitch $2450
674D - 1974 ..... $5950
Cub w/Cult. $1850
15-30 - Antique $1750
1066 w/Cab - 1973 ..... $10,900
706D-WF-FH-Nice $5950
Cub - Mower - Hyd. $1850
(2) 140 w/Rotary Mower ..... $4500 & up
544 Hydro w/Forklift $5750
706D WF 3 pt. - Nice $6450
2400 w/Loader - Nice $7500
400 Diesel-FH $1850

FORD

8700 Cab - Air - 1977 .... $13,950
2000 w/Mower - Nice $4450
600 w/Loader $3250
9000 ..... $5900
5000D $5450
(4) Antique Fordsons ... $800 & up
8N w/Loader $2450
8600 - 1974 ..... $8950
9000 w/Cab $7500

ALLIS CHALMERS

D21 Series II w/Cab - Air ... $7850
G w/Hyd. & 4 Tools $2500
WD45 w/Plow $2000
(2) G w/Rotary Mower ..... $1600 & $1850
200 w/Cab - Nice $9850
220 w/Cab $9450
185D - Nice $8500
D15 w/Loader - As Is $2950
I600 w/Loader - As Is $3500

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1950T - Over/Under $7900
880 Gas - 3 pt. - P.S. $2950
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Leyland 384 ..... $4650
2-105 Clean $11,950
1755 - Nice $8850
Deutz 10006 - 4WD - Nice $14,500
Kubota L245-Demo $5450

JOHN DEERE

4020 D-Diff Lock $8500
4020 D w/Cab-Diff Lock $8500
330-Nice ..... Call
JD 420 Utility $2950
JD 720 Gas ..... Coming in
4020 Gas $5950
4020 Console - Cab - Gas - Clean $7950
4620 - P. Shift - Nice $12,450
4320 ROPS - WTS $10,900
4320 ..... $10,950
(3) A ..... $895 & up
50 ..... $1450
4230 - ROPS - 1976 ..... $10,900
4030 - Syncro - 1974 - Nice $10,500
2840 - Clean - 1978 ..... $11,950
4520 - Nice $7900
720 LP w/3 Point $2000
60 w/NI 2x Picker $3000
"D" - Antique $2000
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4430-No Cab ..... Coming in
400 w/Loader-1974-Clean .. $7500

"9" 4 WHEEL DRIVE TRACTORS
From 30 HP to 175 HP

Ford County 6 - 3 Pt - PTO .. $5950
Case 2470 - Cab - 3 Pt - PTO - 1973 ..... $13,200
MM AT4-1400 - 3 Pt - PTO As Is-Needs 2 Heads $5500
White - 4-150 - Cab - 3 Pt - PTO-1975 ..... $13,200
Mitsubishi Bison - New - 4WD 30 HP $7850
Deutz 10006 - 4WD - Nice $14,500

CASE

VAC - Nice $1250
930 Standard $3000
930 CK w/Duals-Turbo. $5500
830 CK-Nice. $5500
530 w/Loader - As Is. $2950
1030 CK - Nice $6750

MASSEY FERGUSON TRACTORS

1105 - Nice - 1973 ..... $7900
175D - Nice $6450
180 - Gas - Nice $5250
40 w/Sickle Mower & Cab ..... Call
165D - Nice $5450
1150 w/Cab - Duals .... Coming in
1130 w/Cab $7500
1130 w/Duals As Is. $4900

LONG

360 - New $8975
460 4WD - New $11,675
310C - New. $6750
310, 4WD w/Loader - New $11,950
360 - 4WD - New $11,150

4 WHEEL DRIVE POWER

• 1975 WHITE 4-150 • 1973 CASE 2470
Both Have 3 Pt., PTO, Cab, Air, Etc.
Your Choice $13,200

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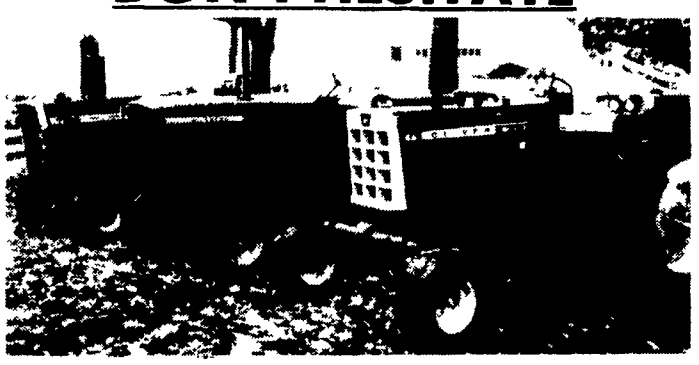
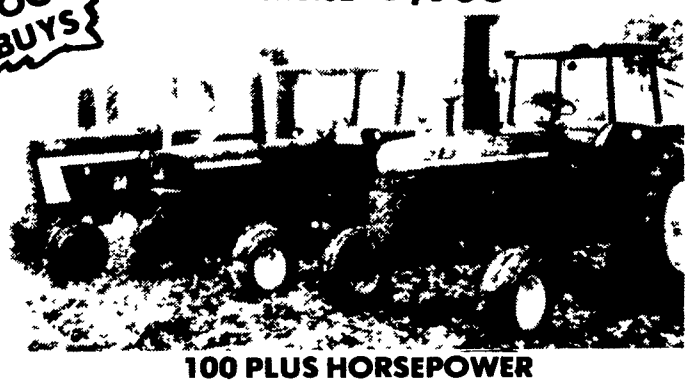


100 PLUS HORSEPOWER
• MF 1105-1973 • JD 4520-1969 • Oliver 1950T - 1968
All Decent Tractors, Properly Equipped
YOUR CHOICE $7,900.00

GOOD BUYS



100 PLUS HORSEPOWER
• IH 1066 w/Cab - 1973 • JD 4320 w/ROPS - 1972
• JD 4230 w/ROPS - 1976
All Decent Tractors, Properly Equipped
YOUR CHOICE $10,900.00

ROTOVATORS
Long 63" & 71" & 55"
Lely Roterra (13')

SPRAYER
150 gal. 3 pt

TRANSPLANTERS
1x & 2x

"CLEAN" COMBINES
JD 4400
MF Super 35
IH 82 Pull Type
Case 660
(2) JD 45EB

GRAIN DRYERS
MC 600 & GT 270

(25) COMBINE CABS

SICKLE MOWERS
JD - IH - NH - Case - NI - AC

DISCS
IH from 6' to 24'
JD from 8' to 13'
Total of 50 to select from

FIELD CULTIVATORS
JD - IH - Glenco

GRAIN DRILLS
IH 10 - 16 Disc
JD FBB - 11 Disc
JD FBB - 13 Disc
JD VB - 11 Disc
JD 1500 - No Til
JD FBB - 17 Disc
Ontario

DUALS
18.4x28 18.4x38
16.9x34 20 8x38
18.4x34 15.5x38
16.9x38

BLOWERS
NH - IH - AC - Gehl

ROUND BALERS
JD 410
Gehl 1500
Hesston 5600

LOADERS
Ford - JD - IH - Freeman Souders

POTATO DIGGERS
1x & 2x
1x plows

SNOW BLADES
4' to 7'

ROTARY HOES
2x - 3x - 4x

ROTARY MOWERS
Used 5' to 13'
New 4' to 6'

WAGONS
All Makes & Types

FEED MILLS
NH 352 - 357
OMC 424
Hammermills

FERTILIZER DRILLS & SPREADERS
JD & Case
Calhoun Tandem Axle Spreader

CORNPICKERS
NI 319 - 305 - 325 - 323 - 7 - 324
Ford 1x 3 pt.

CARS & TRUCKS

1974 Ford Truck Tractor
1980 Chevy Diesel Pickup
1982 Ford F150 Pickup
1979 IH Tandem Rollback
1972 Ford Pickup - $395
1973 IH 20' Grain Dump
1976 Ford Diesel w/24' Rollback
1978 Chrysler Cordoba
1980 Buick Regal
1982 Ford Granada

MANURE SPREADERS
Badger Honey Wagon
Clay Honey Wagon
Hawkbilt Tank
NI 1x & 2x (Tandem)
IH - NI - AC

STACK MOVERS
Hesston 10W
Hesston 30
JD 200
3 pt Stabbers

STACKER
Hesston 10

WINDROWERS
Ford 536
Hesston PT7

HARVESTERS
Fox 2200 - IF
JD 35 - 25
NH 890 - Super 717
Gehl 800
AC 720
(100) Extra Heads

FLAIL MOWERS
NI 279 - 9'
Caldwell 6' 3 pt.

PLOWS
(Some Resets)
AC - 1x
Ford - 1x - 2x - 3x
MF - 3x Flip - 5x
JD 1x-2x-3x-4x-5x-6x
IH 1x-2x-3x-4x-5x-6x-7x
Case 4x
Oliver 6X Reset

CORNPLANTERS
JD 7000 (6x)
290 - 246
Ford 309
MF 2x 3 pt
2x FH
AC 770 (4x)

HAY RAKES
(Roto Bars)
NH 258
JD - 50
NI-IH
4 Star Wheel Rakes

SQUARE BALERS
NH 273 - 69 - 66
Case 230

CHISEL PLOWS
10' to 19'
"V" Chisel

case

Case 2390 Tractor 1982, Fully Equip., 100 hrs. Dual Wheels, Traded for other Machinery.
Case 1690 Dsl. tractor, no cab, 265 hrs.
Case 1410 2 yrs. old, low hrs. good shape.
Case 580B Loader /Backhoe, good shape, good price.
2 yr. old Case 1830 Uni Loader good shape.
(New) NI #215 Element for manure spreader, good price.
Good & used NI 213 Spreader
RP 10' Disc, A1 Shape (New)
Used NI #324 2 Row Wide corn Picker, good shape.
JD 7100 Corn Planter, A-1 shape, set up for fert.
Case 308 Plow at Good price
SC 7 Soil Controller
Plus NI 702 Uni-Tractors, mow/ditioners, tractors & spreaders in stock at Good Prices.

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Ask for Paul

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Complete TA assemblies for 706 1586 are priced at $595 and come with a Dana Co Heavy Duty Sprag instead of the usual IH sprag **The Dana sprag is guaranteed for 2 years against failure** Sprag kits (includes sprag gear Dana sprag, and piston carrier) and all items for rebuilding your own TA are available to qualified persons Ramps and carriers for the older style TA's (as in SMTA 340, 560) are priced at $150 each and carry a 90 day guarantee We have all the parts needed to rebuild your TA n stock at prices that will save you money We also have a shop available for complete TA installation Or, you may split your own tractor and bring the center housing to us, which we can rebuild while you wait (approx 4-6 hrs) We also stock New and Rebuilt Water Pumps, Dynlife Clutches Pressure Plates and PTO Drive Gears (Spline fit into pressure plates) for most IH tractors and combines

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We buy and sell used parts and parts tractors We have a good selection of quality used parts at competitive prices Please have part no when calling if possible

HEAVY DUTY CLUTCH SPECIAL
WILL OUTLAST ORIGINAL BY 3 TIMES
Heavy duty clutch disc & pressure plate for IH Louisville line of tractors 451 454 464 574 674 584 & 684 Features an 8 pad clutch disc & 9 spring pressure plate to replace the 3 spring pressure plate and 3 4, or 6 pad clutch disc that came in these tractors from factories The design of our pressure plate provides considerable more lockup pressure w/o increasing required pedal pressure or causing a grabby clutch, and is proving to be an excellent clutch for tractors where clutch is subjected to severe use This combination is priced regularly at $350 Now $315

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SWOPE & BASHORE, INC.

INTERNATIONAL AGRICULTURAL EQUIPMENT · Badger · WOODS Division of Hesston Corporation OREGON ILLINOIS 61061 · bobcat

USED EQUIP.

Tractors
Farmall 806 D Tractor
Farmall H
Cab for 966 or 1066
IH F966D
IH F766G
IH F460D
IH F400D
IH F1466D
IH Hydro 86D
Ford 860
JD 2440 w/Loader
JD 400 w/Loader & Backhoe
MF 65D w/Loader
MF 1105D
AC WD 45
JD 1010
IH 234D

Spreaders
NH 214 Spreader
Stoltzfus Fert Spreader
Hawk Built 187 Spreader

USED EQUIP.

Plows
Lely Power Harrow
JD 314 Plow
IH 211 Plow
IH 312 Plow
IH 311 Plow
IH 411 Plow
IH 560 Plow
Oliver 2F Trail Plow
JD 314 Plow
IH 450 Plow
IH 550 Plow
IH 531 Plow
Case 4F 16"

Combines
SP IH, Model 204 Corn & Grain
SP IH #91
SP MF #35
MF 510 w/43 Cornhead

Miscellaneous
NI 245 Spreader
Dunham 22 Loader

USED EQUIP.

Tillage
IH Vibra Shank, 3 pt
IH Vibra Shank Trail
Dunham 10' Cultimulcher
Brillion Spring Tooth
IH #24 Offset Disc
IH 122 3 pt 8' Disc
IH 500 Disc, 15'

Lawn & Garden Tractors
IH 1200 Cadet w/44 Mower
IH 125 Cadet w/Mower
IH 122 Cadet w/Mower
IH 60 Riding Mower
Wheelhorse 12 HP w/Mower
MF 12 Hydra Speed w/Mower
MF 7 w/mower
Snapper Comet
AC 1310 w/Equip
JD 110 w/Mower & Snow Blower

Planters
IH 400 Cyclo 6R
IH 400 Cyclo 4R
JD 1250 6R
IH 6200 Press Wheel Grain Drill
Ontario 13x7
JD 393A 4R
IH 449 4R
IH 56 4R
JD FBB Drill 15x7

Forage Equip.
JD 34 Harvester
JD #6 For Harvester
IH 830 Harvester w/3-Row Cornhead & Hay Pickup
IH #46 Baler
JD #14T Baler
NH #40 Rake
NH 23 Blower
IH 990 Mow Cond
IH 440 Baler & Thrower

Skid Loaders
Bobcat 543 IH 3200
Bobcat 700 Case 1740D

★ **Check Our Snow Tire Clearance Prices!** ★

JANUARY SERVICE SPECIAL
10% CASH DISCOUNT
on All Service Jobs Scheduled During January.
Call For An Appointment.

MARK YOUR CALENDAR...
OPEN HOUSE
February 13 to 18
Watch For More Information

★ **We Ship Parts UPS Daily or Can Deliver — Call Us For Details!** ★

SB Swope & Bashore, Inc.

OPEN MONDAY TO FRIDAY
7 AM To 5 PM
SATURDAY 7 AM To 11:30 AM

RD 1, Myerstown, Pa.
Located 1 Mile S. of Int. 78 & 6 Miles
N. of Myerstown on Rt. 645 in Frystown
PHONE: 717-933-4138

Area Codes 215 & 717 Call Toll Free 1-800-692-7467

TRACTORS REBUILT
Wisconsin and PERKINS power units
BRIGGS & STRATTON
Sales & Service

10% Off on parts for overhual jobs scheduled before Feb. 1

Glick's Engines
105 Horseshoe Rd.
Leola, PA 17540
717-656-9734

SHULER EQUIPMENT SALES
RD #1 Box 228
Shuler Road
Shermansdale, Pa. 17090
717-582-4365 anytime
ACRES OF USED AND RECONDITIONED FARM EQUIPMENT AND TRACTORS
Also
ACRES OF USED EQUIPMENT AND TRACTOR PARTS.
WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION.

INTERNATIONAL® AGRICULTURAL EQUIPMENT

WHITE TAG SPECIALS

	L.P.	S.P.
IH 881 f. harv. w/pick-up	$16,633	$12,950
IH 1250 gr. mixer	$ 8,023	$ 6,650
IH 510 4F-18" plow	$ 4,859	$ 3,650
IH 40 3 pt. blade (heavy duty), 8'	$ 1,310	$ 995
IH 130 Forage Box	$ 6,491	$ 4,450

THIS MONTH'S SPECIAL ON NEW EQUIPMENT

New Tractor Sale
5088 w/cab
3688 w/cab
3288 w/rops
3088 w/out rops
884 w/TA
784 AWD
784 w/TA
584 52 HP
684 w/TA
484 42 HP

New Hay & Forage Equip.
IH 428 baler w/thrower
IH 1190 mower cond
IH 781 harv w/2R head
IH 881 harv w/2R head
IH 130 16 forage box w/tan 12T gear

New Tillage Equipment
IH 720 5F 18" auto plow
IH 510 4F 18 plow
IH 475 12 disk harrow
IH 480 13 disk harrow w/cyl
IH 496 19 disk harrow wing flex
IH 4500 VS field cult 12 6
IH 5511 Chisel Plow
IH 6511 conser till

Material Handling
IH 2250 loader w 72 bkt
IH 1250 grinder mixer
IH 30 3 pt blade 8
IH 40 3 pt blade 8

USED TRACTORS

IH 3088, 80 hrs (like new)	$20,850	IH C	$1250
IH 1086 D w/cab	$22,500	IH 484 D w/300 hrs	$10,500
IH 966 D hydro w/cab	$12,500	IH Super C, real nice	$2150
IH 706 G, w/wide front	$5850	IH 400 w/power steering & 12 pt hitch	$2500

Waiver of finance until 3-1-84

USED HAY AND FORAGE EQUIPMENT

IH 37 Baler w/thrower	$1800	Lamco 16' forage box w/roof	$1850
IH 430 baler w/thrower	$2850	IH 56 forage blower	$750
NH 27 forage blower	$975	IH 45 conv. blower	$100
JD 34 forage harvester w/2 row head	$1500	Gehl Forage box	$1250

Waiver of finance until 6-1-84

USED TILLAGE

Oliver 565 4-5F 16" semi plow	$1650	IH 401 16' Harrow	$600
Oliver 565 5-6F 16" semi-plow	$1750	JD 6-7F 16" on land plow	$1500
IH 720 4F 16" auto. plow w/cyl. (real nice)	$3850	King 9' HC Chisel 3 pt w/buster bar	$1650
IH 710 5F 18" auto plow w/cyl	$3950	IH 560 6F 16" plow w/cyl	$1500
		IH 550 5F 16" plow	$1250
		IH 710 5F 16" plow w/cyl	$2250
		IH 541 4F 16" 3 pt plow	$500

Waiver of finance until 3-1-84

SPREADERS AND MISC.

NI 214 spreader w/hyd endgate	$1850	Little Giant Snow Blower, 6' w/VH4D Wis Engine, elec Start w/clutch, 24" Auger	$2250
Portable loading ramp (for cattle)	$200		
5th Wheel Steer Wagon chassis w/elec brakes and tires	$450		

USED PLANTERS AND DRILLS

IH 56 4 row	$1250	IH 400 6 R 30" Planter, w/insect	$3500
IH 400 4 row 38"	$1500		
JD Van Brunt drill	$500		

Waiver of finance until 5-1 84

MIFFLINBURG FARM SUPPLY, INC.
East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

HESSTON CORPORATION

Hesston 7650 4 whl. drive SP
Fox 3310 pull type
NI 802 Uni w/Harvester
Auto Roller Mill-Blower

TILLAGE EQUIP.

18' Amco Wing Disk
White #271 18' Disk
New Brady 1440 12' Shredder
New Bush Hog 15' & 20' Wing Mowers

USED TRACTORS

White 2-155 4 Whl. Drive 1982 500 hrs.
Oliver 1850 tricycle
Oliver 88
Oliver 77
Ford 6000 Dsl.
Farmall M
Hesston 480 4 WD., - 45 h.p., w/loader
Case 1210
IH 544 Gas, wide Front End
Hough 25B Loader w/52" bucket
Deutz 40-06
MF 1100D
AC 185 w/loader, 1200 hrs.
AC B

USED HARVESTERS

MF 750 Combine 6R & 131 Grain Head
MF 410 D Combine
701 Uni
702 Uni
727 Husker w/3RN Head
Fox Super Dw/3RN Pickup
Fox 3310
Fox 2000, 2 RN Head
Fox 2310 2 Row N & Pickup
Fox 299 80" Flail Head
IH 830 w/3 row head and pickup
NI 323 Picker, used 40 acres
NI 324 & 325 2 Row Picker

USED EQUIPMENT

Glenco SS9 Soil Saver
Athens 9' Chisel
White 5100 4 Row Planter Dry Fert & No-till
JD 7000 4 Row Planter
AC 4R Planter
NI 270 Cut/ditioner
Bush Hog 7' Rotary Mower
Woods C80 Rotary Mower
NI 710 Combine
NI 725 3R Head
Kuhn 13' Tedder
Kewanee 20' Field Cultivator
JD 216 Wagon, 3 btr. & roof.
Hesston 5500 Round Baler
NH 277 Baler w/thrower
JD 336 Baler w/thrower
NI 484 Round Baler
Gehl 910 Fg. Wagon, 3 btr. & roof
Hesston 1014, 12 Ft. Hydro Swing Windrower
JD 2280 diesel 14' windrower
Westfield 744 auger PTO
EZ Trail Bin Wagon
Hesston 1400 gal. tank spreader
NI 214 Spreader, end gate
NH 327 Spreader
NI 212 Spreader
NH 371 10 Ton Tank Spreader
Walsh 500 gal. skid sprayer w/30' boom

SPECIAL
Bervac 87" 3 pt. Snow Blower

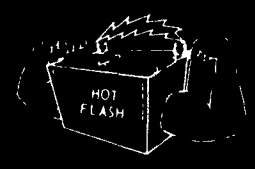
OPEN HOUSE
Feb. 20 to 24

ANNUAL SPRING SALE
March 15

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

TIRED OF BEING OVERCHARGED?

Battery Warehouse



OFFERS A COMPLETE LINE OF TOP QUALITY BATTERIES AT EVERYDAY LOW LOW PRICES

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HAGERSTOWN, MD 301-791-7780
CHAMBERSBURG 717-264-7414
SINKING SPRINGS 215-777-5284
LEWISTOWN 717-242-2536
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FARM TRACTOR BATTERIES

Group 1 6 Volt **$31.95** Exch.

Group 30H 12 Volt **$59.95** Exch.

PASSENGER CAR BATTERIES STILL

As Low As **$29.95** Exch.

We Specialize In "Hard to Find" Implement Batteries

When You Need A Battery Call The Experts At

Battery Warehouse

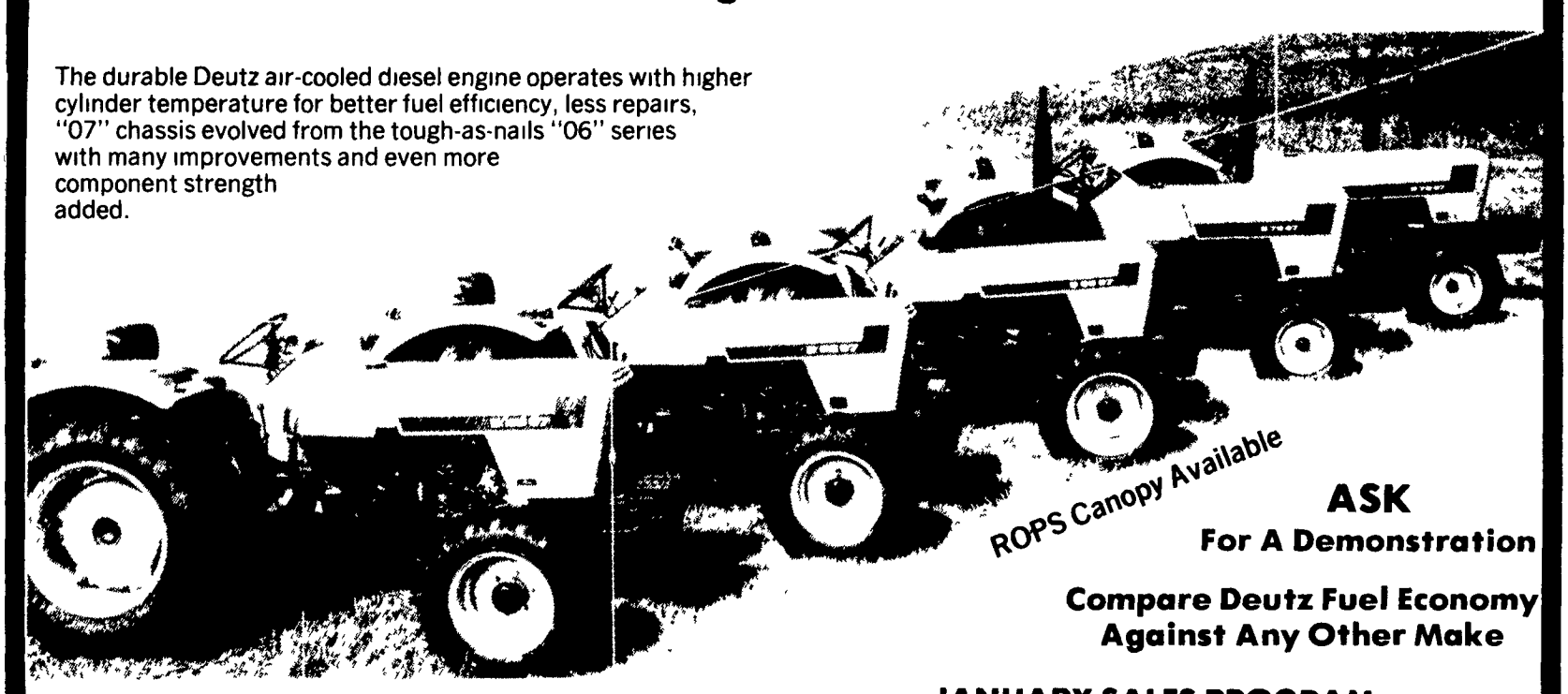
Complete Price Sheet Available Upon Request

TAKE ANOTHER LOOK AT THE '07 SERIES

DEUTZ FAHR

Five Great High-Performance, Fuel Efficient Tractors
45 to 75 HP Range, All In 2WD or 4WD Models

The durable Deutz air-cooled diesel engine operates with higher cylinder temperature for better fuel efficiency, less repairs, "07" chassis evolved from the tough-as-nails "06" series with many improvements and even more component strength added.



ASK
For A Demonstration

Compare Deutz Fuel Economy Against Any Other Make

JANUARY SALES PROGRAM

- Huge Price Rebates - Call Your Dealer For Price
- Waiver Until April 1, 1984 Plus 9.9% Financing (DCC)

Specifications

Model	D4507	D5207	D6507	D7007	D7807
Horsepower	43	51	60	68	73
Cylinders/Displacement	3/172	3/172	4/230	4/230	4/249
Aspiration	Natural	Natural	Natural	Natural	Natural
Speeds	8 forward	8 forward	8 forward	12 forward	12 forward
Gear Synchronization	None	All	All	All	All
Brakes	Mech.	Disc	Disc	Hyd. drum	Hyd. drum
Hyd. Flow	10.6 gpm	10.9 gpm	11.6 gpm	17.7 gpm	18.4 gpm
Power Steering Type	H.A.	H.A.	H.A.	Hydro	Hydro
PTO Clutch	Indep.	Indep.	Indep.	Indep.	Indep.
3-pt. Lift Capacity Lbs.	4200	4387	5292	5733	5733
Bare wgt. 2WD/4WD	4673/5291	5203/5820	5578/6393	6305/7121	6614/7429

SOLD AND SERVICED BY THESE RELIABLE DEALERS

STAUFFER DIESEL INC.
312 W Main St
New Holland, PA 17557
(717) 354 4181

DILTS FARM EQUIPMENT
RD #2
Marion Center, PA 15759
(412) 286 9606

BIGLERVILLE EQUIPMENT CENTER AGWAY INC.
Box A 53 Third St
Biglerville, Pa 17307
(717) 677-6145

REICHS FORD TRUCK & TRACTOR
8016 Reichs Ford Rd
Frederick, MD 21701
(301) 662 7622

J & M MACHINERY CO.
Rt 22 & 819
Greensburg, PA 15601
(412) 668 2276

AT C.B. HOOBER & SON, INC. YOU ARE GUARANTEED GOOD SERVICE BY CHARLIE HOOBER

Eby Hershey, Tractor Service Manager, says "Why not have your tractor serviced in a fully equipped, efficient, full service center by factory-trained mechanics"

PRE—SEASON COMBINE CHECK

Let Hoober's trained combine mechanics check over your combine now, so you can run with less down time in combine season.

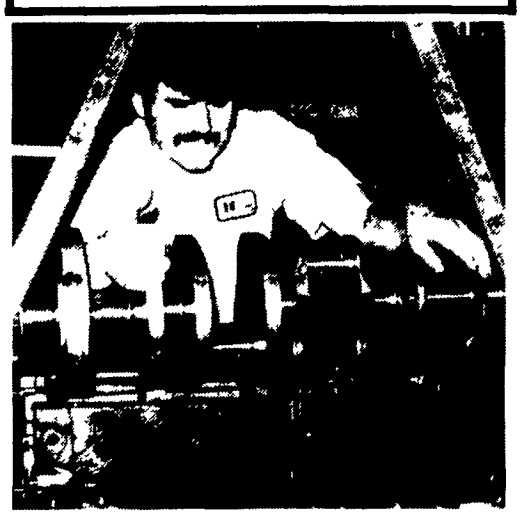
Call Don Carper For Details

HOOBER'S REPAIR PRICES ARE RIGHT!

We understand that in-season downtime is expensive. Factory-Trained Mechanics know how to repair today's modern machinery right the first time.

IT IS CHEAPER

To have your tractor Fixed Right Once at Hoober and have the work guaranteed.



SERVICE SPECIAL

10% OFF TOTAL BILL OVER $1000

Including Parts & Labor For Any Job Scheduled Now Thru Feb. 13th And Paid For When Completed.

USED EQUIPMENT

USED TILLAGE

T7892 IH 710 Plow
T8034 Deere 110 Disc
T8166 Deere BW Disc
T8187 Tebbins 13 Shank Subsoiler
T8204 Krause 2413 Disc
T8363 IH 550 Plow
T8366 IH 510 Plow
T8439 Deere 220 Disc
T8570 IH Super C Plow
T8690 Rotary Hoe 12' Rotary Hoe
T8693 Glencoe 13 Shk Chisel Plow
T8745 IH 490 21' Disk
T8827 IH 2F 14" Plow
T6493 Glencoe 11' Shk Chisel Plow

USED HARVESTING EQUIPMENT

U4260 IH 700 Platform
U4638 IH 810 Platform
U4639 IH 810 Platform
U5152 MF NA Platform
U5799 IH 810 Platform
U5817 Ih 744 Cornhead
U6474 IH 844 Cornhead
U7064 IH 863 Cornhead
U7138 IH 915 Combine
U7222 MF 510 Combine
U7719 AC A438 Cornhead
U7737 JD 6600 Combine
U7754 Cornsaver 844 Cornsaver
U7789 IH 810 Platform
U7818 IH 715 Combine
U7819 IH 844 Cornhead
U7904 JD 4400 Combine
U7923 IH 810 Platform
U7936 IH 863 Cornhead
U7961 IH 915 Combine
U7963 IH 1480 Combine
U7964 IH 883 Cornhead
U8010 MF 510 Combine
U8014 IH 820 Platform
U8037 IH 944 Cornhead
U8138 IH 863 Cornhead
U8172 IH 1460 Combine
U8311 McCurdy Wagon
U8457 IH 715 Combine
U8542 IH 1480 Combine
U8544 IH 883 Cornhead
U8545 IH 883 Cornhead
U8599 IH 100 Mower
U8641 MC 180SB Shredder
U8654 MF 750 Combine
U8659 IH 720/830 R/C Unit
U8668 IH 863 Cornhead
U8673 IH Cornhead
U8688 IH 810 Platform
U8697 Ih 843 Cornhead
U8719 Kools KB1000 Blower
U8738 IH 810 Platform
U8742 MF 510D Combine
U8754 IH 403-12' Platform
U8782 IH 810 Platform
U8798 IH 844 Cornhead
U8799 IH 203C Combine
U9493 IH 744 Cornhead

MISCELLANEOUS

V7567 IH 510, 21x7 CM Drill-Grn
V7666 IH 400 6RN Planter
V8298 JD 7000 4RW Planter
V8563 IH 56 4RN Planter
V8681 IH 5100 21x7 Drill
V8682 IH 5100 2 Drill Htch
V8769 FMC 1229TM Sprayer

USED TRACTORS & ACCESSORIES

W4228 IH Hydro 186 Tractor
W7372 IH 1466 Tractor
W7379 IH 1456 Tractor
W7798 IH 2000 Loader
W7821 IH 4120 Skid Loader
W7844 IH F450D Tractor
W7951 IH 1086 Tractor
W8040 IH 966 Tractor
W8042 Ih 2350 Loader
W8045 IH 1454G Tractor
W8070 IH 966 Tractor
W8165 IH 584 R/C Tractor
W8243 Deutz DX140 Tractor
W8283 Kubota L245D Tractor
W8536 IH Farmall M Tractor
W8569 IH Super C Tractor
W8626 Case 2670 Tractor
W8633 IH F1026D Hyd Tractor
W8647 IH F856D Tractor
W8684 IH 84 Hydro Tractor
W8729 IH F1086D Tractor
W8756 IH 574D R/C Tractor
W8826 IH F460G Tractor
W8833 IH 4166 w/Cab
W8861 IH 574G w/2250 Ldr
W8866 IH F756D Tractor

USED LAWN & GARDEN

X7039 Echo SRM140DA Weedcutter
X7947 IH 1000 Cub Cadet
X8376 Ranger RM-35 Mower
X8377 JD 110 Lawn Trac
X8378 IH 60 Cub Cadet
X8415 IH 105 Cub Cadet
X8416 IH 127 Cub Cadet
X8518 JD 110 Lawn Trac
X8723 Hahn PHDT124 Tiller
X8836 IH 382 5 Spd Cub Cadet

WATCH FOR OPEN HOUSE - WEEK OF FEB. 6th - 11th
AND MACHINERY SHOW - THURS., FEB. 9th

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

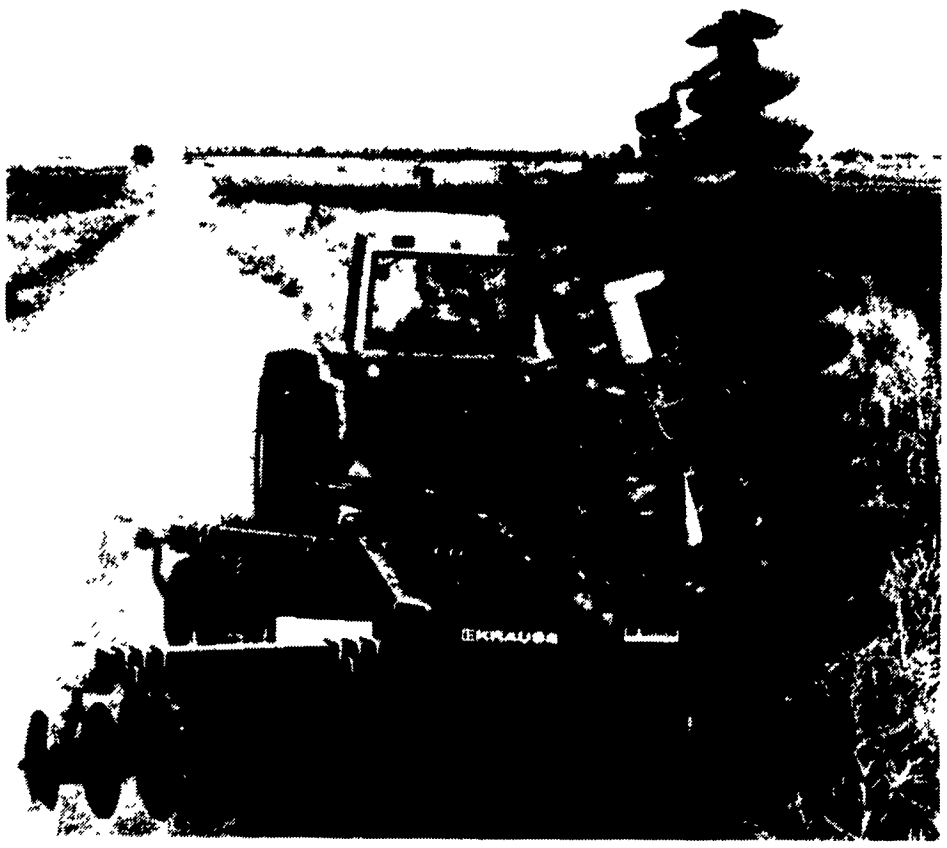
C.B. HOOBER & SON INC.

INTERCOURSE, PA 717-768-8231

★ Call Us - We Probably Have It ★ Will Ship Same Day Via UPS-PPSH-BUS-AIR FREIGHT, Etc.

Radio Controlled Trucks For Better Service

Why Do Farmers Prefer



Krause "Rockflex" Discs?

THAT'S SIMPLE!

They Work and

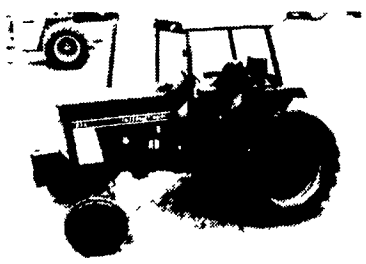
Work and Work and

Work and Work and Work...

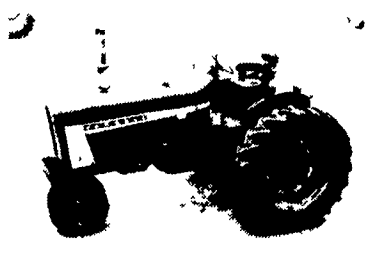
KRAUSE "ROCKFLEX" DISCS ARE AVAILABLE FROM 12' to 45' WIDE, FROM 110 to 230 lbs. per blade - IN THE RIGHT SIZE FOR YOU.

Krause "Rockflex" discs are built tough to work hard and last long in the rocks, so you don't have to work hard and long fixing up what the rocks busted up. Do yourself a favor for Spring — INVEST IN KRAUSE.

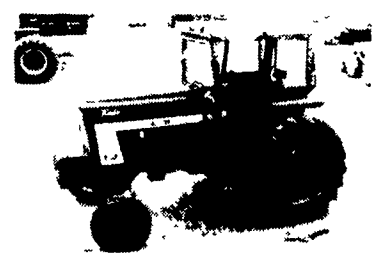
RECONDITIONED USED TRACTORS



W8754 IH F886D Tractor

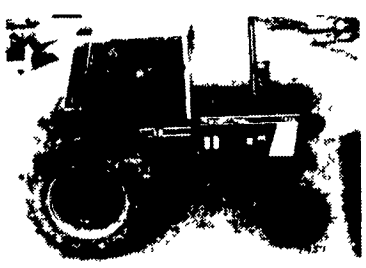


W8759 IH F706D Tractor

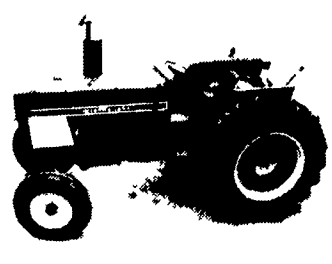


IHF1066D Tractor

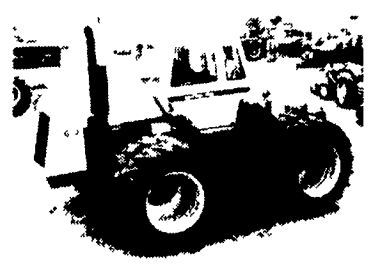
IH 3588 2+2 Tractor



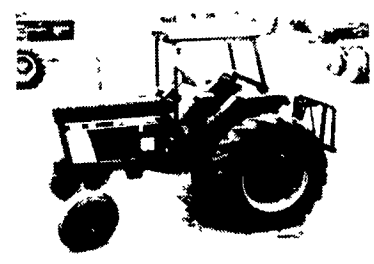
W7951 F1086D Tractor



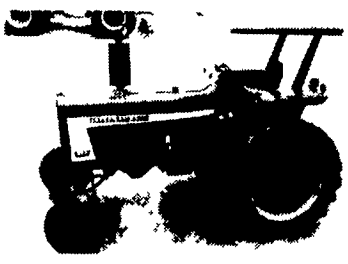
W8684 IH 84 Hydro Tractor



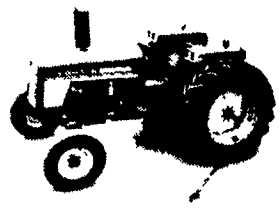
W8626 Case 2670 4WD Tractor



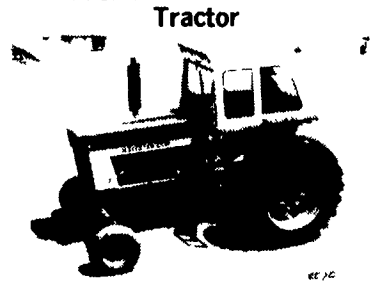
W8729 IH F1086D Tractor



W8647 IH F856D Tractor



W8756 IH 574D R/C Tractor



W8070 IH F966D Tractor

W8165 IH 584D R/C Tractor

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

Radio Controlled Trucks For Better Service

C.B. HOOBER & SON, INC.

INTERCOURSE, PA (717)768-8231 - AUTHORIZED UPS STATION - MIDDLETOWN, DE (302)378-9555

NOTICE
TO ALL FARMERS

If you have a problem in tractors, all brands, concerning stiff hydraulic, differential, hydrostatic or wet brake system slipping, we can solve it on your farm.
Also very good on automatic transmission slipping or sticking reverse

Reasonable Rates
Must inquire to appreciate.
Will travel any distance.

F & S Service
717-687-8412

SMITH'S IMPLEMENTS, INC.
Mercersburg, PA **717-328-2244**

NEW MACHINE SPECIALS
JD 2440 Tractor
JD 6620 Sidehill Combine

USED MACHINERY

JD 4040 Tractor w/148 loader, SG, PS, Air, Radio, 1359 Hrs. excellent	$29,000.00
7000 JD 4 Row Dry No-Till Planter	$6,000.00
1440 JD 4 Row Dry No-Till Planter	$3,200.00
JD 336 Baler w/30 Ejector (like new)	$4,200.00
JD #716 Wagon w/1275 running gear, roof & 3rd btr., 10 ply tires, real nice	$6,500.00

Plus Several Good Disks & Plows To Choose From

Complete TRACTOR & ENGINE REBUILDING
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A C and Wisc 2 and 4 cyl power units with or without clutch reduction

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BALDWIN ELECTRIC MOTOR DIVISION, INC.
REPAIR & REWIND - ALL BRANDS AC & DC MOTORS
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BALDOR ELECTRIC MOTORS
Warehouse and Factory Service
½ hp. thru 10 hp. 1 ph.
½ hp. thru 100 hp 3 ph.
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352 N. Jennersville Rd., West Grove, Pa.
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SPECIALS

SNH #782 Forage Harvester w/#824 corn head $12,400
SNH #718 Forage Harvester w/#824 corn head $9,650

HAY

SNH #451 Mower w/7' Cutter Bar. $1,860

Don't be fooled by lower prices on "will-fit" parts. The management of other brand dealerships recognize the value put into genuine Sperry New Holland parts and service.
This is what made Sperry New Holland the leader and No. 1 in hay and forage equipment. When a problem arises or you need parts or service, call your authorized Sperry New Holland dealer.

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Sat 7 30 A M - 4 00 P M

BRANCH
Lobachsville, Oley, PA
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Mon Fri 7.30 A M 5 00 P M
Sat 7 30 A M 12 30 P M

TRACTORS
JD 4010 D w/PS
JD 4010
JD 60
JD B
MF 50 D
IH 986 w/cab, air, only 1400 hrs , EXCEL!
IH 460 D
Farmall 400
Long 560 D, lo hrs
MM G1000 D
Case 630 w/loader
AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC 7000 D w/cab
AC 190XT D w/cab
AC 185 D
AC WD45
AC WD

FEED CARTS
(2) Weaverline 223 Elec Feed Cart, 24 Bu
(2) Weaverline 330 Elect Feed Cart, 30 BU., A-1!

COMBINES
JD 8820 w/950 hrs., cab, air & heat, 15' floating grain, 830 corn heads, like NEW!
JD 55 Special w/cab, 12' grain & 330 corn heads.
JD 55 w/12' grain & 338 corn heads
JD 45 w/both heads
JD 45 w/grain head
MF 300 w/11' 238 corn heads
IH 315 w/cab, grain & corn heads
NH 975 w/11' grain & 238 corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 767 Chopper w/702, 2-row corn head & 761 Pick up Head
Gleaner N5 w/15' floating grain & 630 corn heads
Gleaner MKS w/13' grain & 630 corn heads
Gleaner F2 D w/400 hrs , grain & 438 corn heads, like new!
Gleaner F2 Diesel w/cab, air, 13' grain & 438 corn heads
Gleaner K w/cab, 10' grain & 238 corn heads
Gleaner CII w/13' grain & 438 corn heads
Gleaner AII w/cab & both heads
Gleaner AII w/12' grain head
Gleaner E w/cab & both heads

TILLAGE
AC 2300 Disc Harrow-15' Fold up
JD 13' Transport Disc
JD 11' Transport Disc
IH 13' Transport Disc
JD 10' Cultimulcher
AC 2000 5B Semi-mt. Plow
Oliver 6B Spring Trip Plow
AC 80 Series 4B Mounted, 3 pt. Plow
Brady 10 Tooth Chisel Plow, w/gauge wheels, like new!!
Vicon 14' Power Harrow, demo!

MANURE SPREADERS
JD 34, 150 BU., Brand New
(2) NI 218, 265 BU.
(2) NI 214, 206 BU
(3) NI 213, 176 BU.
NH 676, 325 BU.
NH 516, 175 BU., 3 beater
NH 510, 160 BU.
NH 213, 140 BU.
Farmhand M165, 125 BU
Badger BN240, 180 BU
NH 365 Tank
(2) Hawk Bilt 207 Tank

M.M. WEAVER & SON, INC.
Leola, PA 17540 (717) 656-2321

MF Massey Ferguson

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

USED COMBINES

SPECIAL MONEY-SAVING FINANCING
Buy now & finance with MF at a low 10.9% APR... or choose waiver of finance charges to May 1, 1984 on selected used combines.

- 1980 MF 760 Hydro V8 with 15 ft. Grain Table and Grain Saver $52,000
- 1978 MF 550 Hydro Diesel with 4 Wheel Drive $36,000
- 1977 MF 750 Hydro with Grain Saver $29,000
- 1977 MF 750 Hydro with Grain Saver $26,000
- 1977 MF 510 Hydro Diesel $17,500
- 1976 MF 750 Hydro with Grain Saver $19,500
- 1976 MF 750 Hydro with Chopper $27,000
- 1975 MF 760 Hydro V8 .. $24,000
- 1975 MF 750 Hydro $22,000
- 1975 JD 3300 Diesel with 13 ft. Grain & 2 Row Corn Head $17,500
- JD 343 Corn Head 3 Row 30" ..... $ 3,000
- 1975 MF 510 Diesel $17,000
- 1975 MF 760 Hydro V8 .. $24,000
- 1974 MF 760 Hydro 6 Cyl. $22,000
- 1973 MF 750 Gear Drive with Grain Saver $24,000
- 1973 MF 760 Hydro 6 Cyl. $21,500
- 1972 MF 510 Diesel Gear Drive ..... $ 9,500
- 1972 MF 510 Diesel Gear Drive $10,500
- 1972 MF 300 Gas ..... $ 8,500
- 1972 MF 510 Diesel Gear Drive $12,500
- 1971 MF 410 Diesel .. $ 7,500
- 1971 MF 410 Gas ... $ 7,500
- 1971 MF 510 Diesel . $12,500
- 1970 MF 510 Diesel . $10,500
- 1970 Case 1665 Diesel. $ 5,000
- 1970 MF 510 Diesel $12,500
- 1969 MF 510 Diesel . $11,500
- 1968 MF 510 Diesel $ 8,000
- 1968 MF 510 Diesel Hydro. $12,500
- 1968 MF 410 Gas $ 5,000
- 1967 MF 410 Diesel .. $ 5,000
- 1966 MF 410 Gas . $ 2,500
- 1966 MF 300 Gas ..... $ 3,500
- 1966 MF 510 Gas with Floating Cutter Bar ..... $ 4,800
- 1965 MF 410 Diesel .... $ 4,500
- 1965 MF 300 Gas with 11 ft. Table ..... $ 2,900
- 1964 AC CII Gleaner with Corn & Grain Head ..... $ 6,000
- 1960 AC A Gleaner ... $ 1,500
- JD 45 with Grain & Corn Head ..... $ 1,900
- JD 45 with Grain Head .. $ 500
- IH 303 with Grain & Corn Head ..... $ 1,500
- MH 82 with 10 ft. Grain Head ..... $ 1,200

Above Combines Include Grain Tables Less Corn Heads 61 Corn Heads in 2, 4, 6 and 8 Row Size

- New Idea 2 Row 30" Pull Type Picker Sheller ..... $ 5,500

USED TRACTORS

SPECIAL

New MF 2805 Diesel Tractor, 190 HP, 24 Speed, Air Conditioned, Cab & Heater, 20 8x38 Axle Mounted Duals

List Price $69,277
Less Special Discount $20,000
$49,277

- MF 165 Diesel $4,500
- MF 35 Diesel $2,500
- MF 333 Gas . $1,000
- JD 50 . $1,900
- JD B .. . $ 600
- Farmall 656 Diesel $5,800
- IH 107 Cub Cadet . $ 900
- Ariens 1138 Lawn Mower $1,100
- Ford 8N . $1,900
- Ford 9N . $1,500

USED EQUIPMENT

- MF 82 Spring Trip 3-14" Plow ..... $ 650
- Oliver Spring Trip 3-16" Plow ..... $ 850
- MF 43 Spring Trip 2-16" Plow ..... $ 950
- MF 43 Spring Trip 3-16" Plow ..... $ 950
- IH Fast Hitch Spring Trip 3-16" Plow ..... $ 400
- MF 730 Offset 10 ft. Disc Harrow. $3,750
- 36 Blade Transport Disc $ 300
- 24 Blade Pull Type Disc... $ 150
- Ford Transport 32 Blade Disc ..... $ 500
- Brady 3 pt 9 Tooth Chisel Plow $1,100
- Dunham 3 pt 8 Tooth Chisel Plow $1,150
- MF 129 Front Mtd Cultivator . $ 300
- 3 Section Harrow.. $ 75
- 3 pt Weeder ..... $ 25
- MF 428 3 pt. 4 Row Rolling Cultivator .. $1,500
- Tye 10 ft. No Till Grain Drill $8,900
- Danuser Post Hole Digger $ 875
- Century Sprayer . $ 850
- Glenco 7 Tooth Soil Saver $4,250
- Farmhand Corn Processor $3,200
- (2) Kilbros Gravity Box and Wagon ..... @$2,200
- Tonutti 4 Wheel Hay Tedder $1,750
- Farmhand 6 Wheel Rake $1,200
- M-C 9 ft Rotary Scythe $3,900
- Badger 14 ft. Forage Wagon ..... $ 950
- Circle Saw Buck $ 100
- Myer Snow Plow ..... $ 400
- 3 pt Snow Blower $1,200
- E.Z Gravity Box and Wagon ..... $ 880
- N.H. 707 Harvester with Hay Head ..... $ 900
- N H 707 Harvester with Corn Head $1,200
- Mohawk Rotary Cutter $ 395
- N H Super 717 Harvester $ 950
- MF 925 Demo Haybine $4,500
- Fella 2 Wheel Hay Rake and Tedder $1,200

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6 to 65 H.P.

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MODEL TJD
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Baler Replacement
Crank Start
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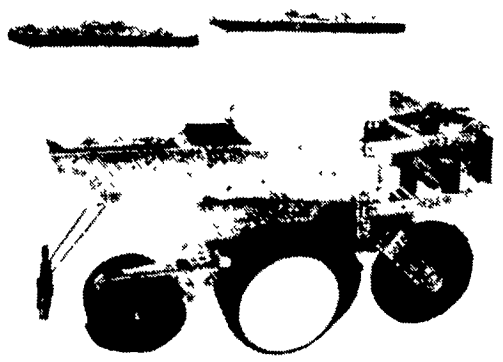
FOR LOW-TILL OR NO-TILL

Save fuel, time, moisture and soil with a Max-Emerge conservation planter



Here's a rugged planter you can rely on in most soil conditions, including stubble and many sod fields

Heavy-duty springs help transfer weight from the Heavy frame to each planting unit to keep unit-mounted coulters in the ground Frame-mounted coulters and cast-iron firming wheels are available, too, for extra-tough conditions

Whether you no-till, low-till or conventionally till your ground, these 4-row (30 to 40-inch rows), and 6- and 8-row narrow models can help you save fuel, time, moisture and soil See us soon for details.

A.B.C. GROFF EXCLUSIVE!

VERSATILE 2 ROW MOUNTED MAXI-EMERGE PLANTERS

Planter frame for small and medium-sized farmers is being manufactured and marketed by ABC Groff Inc., of New Holland.

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- **Infinite Row Spacing From 18" to 42"**
- **Can Be Used For Conventional Till, Minimum Till Or No-Till**
- **Can Be Used For Planting Sweet Corn In The Furrow With Special Furrow Openers**

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FARM EQUIPMENT

JOHN DEERE

NEW EQUIPMENT
JD 950 Tractor
JD 2040 Tractor
JD 714 Forage Boxes
JD 1075 Running Gears
JD 1209 Mower Conditioner
Hesston 1014 Hyd. Swing Conditioner
JD 1710 Mulch Tiller
Bush Hog 1432 10½' Disc

USED EQUIPMENT
AC C & WC Tractors
Farmall MD, Super M Tractors
JD B Tractor
JD 520 Tractor
JD 720 Tractor
JD 3010 RCU Tractor
Farmall Cub w/outfit
Cub Frt. Mtd. Blade
JD 494A Planter
IHC 315 Mulch Packer
IHC 540, 550 4B Plows
JD F125 6B Plow
Ferguson 2B Plow
JD AW Disc 12'
Woods Cadet 60 Pull Type Mower
JD 507 Cutter
MF 41 Sickle Bar 3 pt. Mower
Mayrath 40' Elevator
NI Hay Rakes on steel
Myers Snowblade
Valk ST80 Snowblade

USED COMBINES
JD 95 w/plattorm
JD 434 corn hd.
AC C2 w/plattorm
AC 4R corn hd.
JD 45 w/platform
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FARM EQUIPMENT

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USED TRACTORS & EQUIPT IN STOCK
Used Deutz D 8006 85 HP cab & duals, clean, 1240 hrs
Used JD 4020 Diesel wide front end
Used Hay Tedder Vicon 10'
MF 128 T baler/thrower wide pick up shur tie knotter
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D5207 Deutz tractor, 52 h p
D6207 Deutz tractor, 62 h p
D6807 Deutz Tractor, 68 h p
D7807 Deutz tractor, 74 h p
DX 120 Deutz tractor 111 h p, w/4 post safety frame
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Custom built diesel Gen Sets made to order
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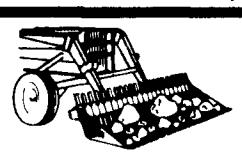

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ROCK PICKER
Will fit any loader
Any swath or tine spacing desired
low as **$350.00**

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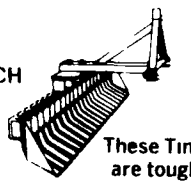
ROCK RAKE
OFF 3 POINT HITCH
Any swath or Tine Spacing Desired



These Tines are tough

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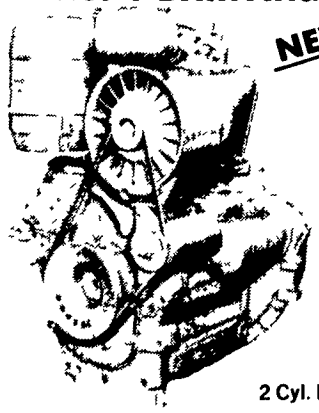
NO. 1 DAIRYING DIESEL



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LOWER PRICE

Since 1968 F2L-912 diesels have earned the reputation as the most reliable diesel Don't settle for less.

2 Cyl. F2L-912

EASIER STARTING: Heavy flywheel provides easy starting. No electric heater plugs.

QUIETER: Runs quieter than most water cooled diesels. Very quiet exhaust.

F2L-912 SPECS: 20 Hp @ 1500 RPM
25 Hp @ 1800 RPM
32 Hp @ 2300 RPM

It has direct injection, lube oil cooling, and oil cooled pistons. This engine has proven to survive the extreme heat of a heavy load in a small engine house better than any other engine.

PLUS - FAMOUS DEUTZ FUEL ECONOMY

Stauffer Diesel Inc.
312 W. Main St. New Holland, PA
Ph: 717-354-4181
Retail, Wholesale & O.E.M. Sales

DEUTZ TRACTORS ON SALE

DX-120 (78 Series)
111 HP at PTO. 15 forward speeds. 540/1000 PTO. Full factory warranty.
CASH PRICE Till Dec. 31, 1983 $21,000
Unit #190 w/o weights.

D7807
74 HP at PTO. 12 forward speeds. 540/1000 PTO. Full factory warranty.
CASH PRICE CALL
Unit #185 as shown

D6207
61 HP at PTO. 8 forward speeds. 540 PTO. Full factory warranty.
CASH PRICE Till Dec. 31, 1983 $12,000
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PARTS DEPT. SPECIALS:

• Oil Pan Heater, 500W	$33.83
• Oil Pan Heater, 300 W	24.98
• FPPF Diesel Fuel Cond (treats 240 Gal)	3.20
• Starting Fluid, 11 oz	1.49
• 5 Gal Drydene HDX Oil	24.69
• MURPHY Safety Switch Gauges and Panels	

FROM OUR SERVICE DEPT.
10% Parts Discount On All Tractor Repairs. Shop or Road.
(Limited time offer)

Stauffer Diesel Inc. New Holland, PA 17557
(717) 354-4181

USED TRACTORS

IH 450
AC 175 D w/loader
AC 170 Diesel
AC 190XT w/cab
AC 7040 power shift
AC 7040 power director
MF 135 Diesel
MF 165 w/loader
Ford 3600
Ford 901
Oliver 770 Diesel

USED EQUIPMENT

Gehl 600 Harvester w/ heads
Gehl 800 Harvester w/heads
Gehl 72 Flail Harvester
Gehl 95 Grinder Mixer
MF Rake - Balers
New Idea 324 Sheller
JD 10' Chisel 3 pt
Bush Hog Soil Hog 9 shank
IH Forage Box
Kasten Forage Box
Owatonna 1700 Skid Loader
NH 65 Spreader

Peterman Farm Equipment
717-249-5338 or 249-2150
Farm & Lawn Equipment - Chain Saws
225 York Road
Carlisle, PA 17013

MF

SPECIAL OF THE MONTH
New JD 2600 5-Bottom Spring Reset Plow
List $9686
Sale $7000. No Trade

NEW TRACTORS

JD 650 MFWD
JD 750 MFWD
JD 2350
JD 2640
JD 2750
JD 2950
JD 2950 MFWD
JD 2950 MFWD & Cab
JD 4050 RG, PS
JD 4250 Cab, PS

NEW EQUIPMENT

JD 7000 Cons. Planter 4 Row Dry Fert
JD 7000 Cons. Planter 4 Row Liquid
JD 712 Mulch Tiller, 11 ft. 3 in.
JD 1610 Chisel Plow, 8 or 10 ft.
JD 950 Roller Harrow, 12 ft.
JD 1250, 3-16" Plow
JD 1250, 4-18" Plow
JD 415 Rotary Hoe
JD 1209 Mower-Cond., 9 ft.
JD 1326 Mower-Cond.
JD 327 Baler w/30 Ejector
JD 430 Round Baler
JD 567 Wheel Rake
JD 450 Hydra-Push Spreader
JD 240 Loader w/73" Bucket
JD 66 Forage Blower
JD 716A Forage Box
JD 506 Rotary Cutter, 5A.
JD 709 Rotary Cutter, 7 ft.
JD 5½ & 7 ft. Hay Pick-up

USED EQUIPMENT

JD 307 Rotary Cutter
JD 3 14" Plow
JD 246 Corn Planter, 2 Row
FB-A Grain Drill, 13x7
JD #18 Corn Picker 3 Pt. Sprayer
IH Cub Lo-Boy w/5 ft. Woods Belly Mower
JD 850 Tractor w/Turf Tires, 112 hrs.
JD 60 Skid Steer Loader, like new
JD 70 Skid Steer Loader
Case 1537 Skid Steer Loader
JD 216 Forage Box w/1065 Wagon
Lamco Forage Box w/3rd Beater & Roof
Hesston 1090 Haybine, 9 ft. 3 in.
JD 480 Mower-Conditioner
JD 40 Spreader w/Rear Pan
JD 54 Spreader w/Hyd. Endgate
JD 7000 4 Row Planter w/Coulters, Dry Fert.
JD 694A 6 Row Planter w/Hyd. Markers
Case 5 Bottom Plow
JD 65 Rear Blade, 7 ft. like new
Speeco Post Hole Digger
Star Post Hole Digger
Flatbed Utility Wagon
JD 2 Row Wide Corn Head

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FOR SALE

1978-79 John Deere 6600 Sidehill Combine 1500 hrs. 6 row narrow corn head

Grain Dryer - AS 600 Super B

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MANURE SPREADERS

Large Selection USED (2) NI 214's, 213 Flail w/gate, NH 670 w/gate, (2) NH 518's, 512, NH 362 Barrel Spreader, 202 Ground drive, IHC 530, JD Barrel Hyd. Slide Top, Starline 830 Roto Spreader Hyd Top, Hawk Bilt 157 Barrel. Plus wide selection of NEW Spreaders - over 60 Units -see Hedlund Martin Low Profile "Spread-All" with 50' side spread pattern.

USED TRACTORS

AC 7040 w/cab & air, 7030 w/cab, 7000 w/cab, 7000, 200, 5030 Diesel w/loader, 5020, 4WD Diesel w/front industrial loader, 190XT w/cab, 180 w/loader, 175D, 170 w/loader, 5050, D 19 Gas, D 17 Gas & Diesel, D 17 Series III s/c w/loader, D 15 Series II 3 pt, WD 45, D 14, D 12, D 10 w/mower, B, C, CA, G.

FORD 5000D, 4000 Gas w/loader, 2000 w/loader, 801 Powermaster, 800, 601, 8N.

MASSEY FERGUSON 265 D, 175 D w/loader, 165 Gas, 150, 135 w/loader, 135 Gas P S (640 hrs.) 50, 35, 30 D w/loader, 20 w/turf tires, Ferg 35, MF 40 Tractor Loader.

JOHN DEERE 2640 D, 3010, 2020, 1020, 2440 w/loader, 3020 D Power Shift side consul, 3020 D w/M&W turbo, 1530 w/loader, 4020 w/cab, 630, 40 w/snow plow, B w/loader, M w/mower & plow, H.

IHC 806D, 706 D, 544 w/loader, 504 3 pt, 364 D, 340 w/loader, 230, 140 High Clearance w/cultivator, H wide front end, Super A, Cadet w/mower.

KUBOTA M 4500 4wd Tractor w/loader - BEST BUY.

FEEDING ACCESORIES

Used Hay & Grain Elevator w/motor, NH 358 & 352 Grinder Mixers, GEHL Mix All, IHC Mixer Mill, Tub Grinder Farmhand 890, DION, NI, IHC, GROVE, BIG BLUE Forgae Wagons, NI Corn Pickers 1 & 2 row, HESSTON Stack Mover, 10W & Stack Processor 10, NEW UEBLER Silage Elevator 20' w/motor, 15' dump wagon, FORD Power Units, Various sizes, Like New IHC 110 w/rool, 3 beater forage wagon, GEHL 940 3 beater Forage Wagon w/roof.

INDUSTRIAL

AC 840 Articulating Pay Loader, AC 715 D & B Tractor Loader Back hoes, HD 4 Track Loader, H-3 Dozer w/6 way blade, I 400 Backhoe, 706 B Fork Lift w/cab, 615 Tractor Loader, Grader, JD 440 Log Skidder, JD 401 Loader, 350 Dozer w/6 way blade, Industrial MF 165 w/angle snow plow, FORD 4500 Tractor Loader, 3 pt, PTO & Cab, CASE 850 Dozer, GRIZZLY 3 pt Backhoe, 3 to 5 Ton Industrial Roller, BOBCAT 611 Skidsteer w/Deutz Diesel Engine - just rebuilt, FORD 801 Fork Lift, Ford 3500 Diesel tractor loader back hoe.

MISCELLANEOUS

GRIMM PTO Hay Tedder, AC & Wheel Horse Garden Tractors w/snow Blades, AC Short & Long Hopper Blowers for Sawdust etc., 8' Big Beaver Scraper Blade, 4' Snow Plow, Hyd 4 way Blade, Dunham Lehr Loaders, BRILLION Cultipacker Seeders, GMC Power Unit w/PTO Clutch, 1 & 2 row IHC & JD Potato Diggers, MYERS ST 90 Power Angle Snow Plow, AC 8' Grain Drill, JD 1550 3 pt PTO Seeder, AC Snow Blowers, 6' Jeep Mtd Snow Plow, Reset Plows - IHC & FORD 3 btm 3 pt, JD 4 btm 3 pt, AC 4 & 5 Btm, FORD 4 & 5 btm, AC 716 H L & G Tractor w/42" mower, AC 720 w/mower, snow plow & sickle bar.

Call Us For Your Snow Plow NEEDS
Largest USED Selection in Area.

SPECIAL
AC HD 11 Dozer
Ideal for Farmers
To Clear Brush Rows,
Etc. Runs & Operates Good
$5,850

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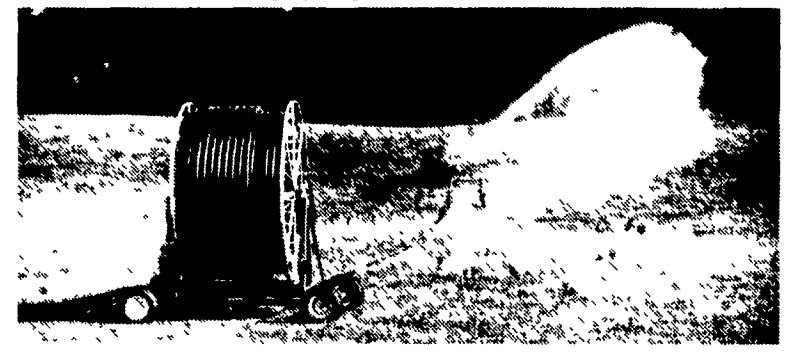
SALES & SERVICE
for AC, KUBOTA, HESSTON, BRILLION, STARLINE, NEW IDEA

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

AG-RAIN® WATER-REEL



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- **Radial Inflow Turbine Drive** originated and patented by Ag Rain It s the most efficient turbine drive on the market it saves energy Unit is totally gear driven reel has roller cog drive no inefficient V belts
- **Speed Compensator** maintains uniform travel speed assures uniform watering
- **Tachometer Speed Setting** convenient direct read out of ground speed Set and forget
- **No Wasted Water** all the water goes through the gun sprinkler none is dumped on the ground
- **Reel Swivels** easily on ball bearings irrigates up to a half mile from one position
- **Dwell Timer** delays start of travel results in uniform end of field watering
- **Four Models** to choose from 4½ inch x 900 feet 4⅛ inch x 1150 feet 3¾ inch x 1250 feet or 3 inch x 880 feet

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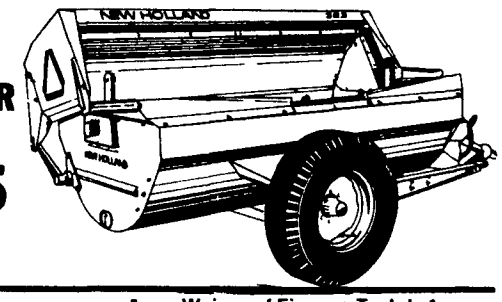
NEW HOLLAND MODEL 363 TANK SPREADER
Was $4,595
Now **$4,295**



WHITE FARM EQUIPMENT

WHITE 2-55 Tractor
WHITE 2-65, 2&4 Wheel Drive
WHITE 2-75 Tractor
WHITE 2-85 Tractor
WHITE 2-88 Tractor
WHITE 2-105 Tractor
WHITE 2-110 Tractor
WHITE 2-135 Tractor
WHITE 543, 4 & 6R Planter, No Till
WHITE 5100, 4 & 6R Planter, No Till
WHITE 254 10' 4" Disc
WHITE 348 SAR Plow
WHITE 508 SAR Plow
WHITE 466 Chisel Plow
WHITE 285 Field Cultivator

Waiver of Finance To July 1, 1984 on Hay Tools And Sept 1, 1984 on Forage Tools..
OR
4 9%, 7.9%, 10 9% For 12, 24 or 36 Months Respectively

NH L425 Loader
NH 707, 718, 782, 892 Harvesters
NH 310, 311 & 315 Balers
NH 847 Round Baler
NH 80 Bale Mover
NH 488, 489 & 1495 Haybines
NH 256 & 258 Rakes
NH 38 Crop Chopper
NH 28 & 30 Blowers
NH No. 8 Forage Box
NH 513, 519, 679 Spreaders
NH 363 Tank Spreader
NH TR75 Combine

KUBOTA
We're looking for work.

bobcat
642 & 743

WOODS
Division of Hesston Corporation

TYE
No Till Drill

GLENCOE
7 Tooth
Soil Saver

USED EQUIPMENT

HAYTOOLS

NH 30' Elevator
NH 56 Rake
NH 268 Baler w/Thrower
NH 68 Baler w/Thrower
NH 469 Haybine
Oliver 620 Baler w/Thrower
Gehl 880 Mower Conditioner

COMPACT TRACTORS

Kubota B6000 E w/Woods RM 59 Mower
Farmall Cub Lo-Boy

TRACTORS

Oliver 1755 w/Cab

SPREADERS

NI 212 Spreader
NH 346 Tank Spreader, LH
NH 367 Tank Spreader, LH

TILLAGE - PLANTING

White 5400 Planter
JD 1240 4-Row w/Monitor
IHC 550 5-16 Plow
Oliver 348 3-16 CT Plow
Oliver 543 4-Row No Till Planter
Brillion 14' Transport Harrow

NORMAN D. CLARK & SON
Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South of Port Royal on Rt. 75

EQUIPMENT WITH EXTRA 4% DISCOUNT
Now Thru January 31st

WHITE TAG SPECIALS

Come in now and get our best price on selected new International tractors and equipment!

Prices on new International tractors combines planters tillage hay and forage equipment never have been lower We're tagging our outstanding values with special White Tags to call attention to our best buys

Come see how you can save more on new equipment and improve your bottom line Offer expires Jan 31 1984

SAVE EVEN MORE! Buy now and get special financing on all White Tag Specials

Come in early. Prices are subject to equipment availability!

INTERNATIONAL HARVESTER

CALL NOW FOR OUR SPECIAL PRICES!

- 884 Row Crop
- 6388 D Tractor 2+2, Plus Demo
- 3688 D w/Rops, Plus Demo
- 3288 D w/Rops
- 15 Rear Blade, 3 pt.
- 20 Rear Blade, 3 pt.
- 181 15 ft. Rotary Hoe
- 5500 11 Ft. Mounted Chisel
- 4500 Field Cultivator
- 735 6-Btm. Vari-Width
- 1350 Grinder Mixer
- 781 For. harv. & 2 Row Head
- (1) 595 Spreader
- (2) 560 Spreaders
- 183 4-Row Cultivator

OPEN HOUSE
week of **FEBRUARY 13**
More Details Later!

IH PLANT TOUR
Bus Leaves Feb 26-Return Feb 28
Call for
Information & Reservation

ASK ABOUT IH RED EDGE
"PERFORMANCE SAVINGS"
NEW 30 and 50 SERIES TRACTORS
Best Cash Prices Ever
On
All Equipment Now

★ WAIVER TO 3/1/84!

- ★ IH 3288, w/ROPS-White Tag Special!
- ★ IH 3688 - w/ROPS - Demo Special!
- ★ IH 6388 - 4 Wheel Drive - 130 HP - 540/1000 PTO
  Extra Special Price — Buy A Real 4WD
  At The Same Price As An Add-On 4WD!
- ★ IH 5288 - Rental Demo, Special
- ★ IH 884 R/C - White Tag Special!

Purchaser of New IH Tractor
(Model 484 To 6788)
Eligible For All Expense Paid
TRIP TO LONDON
(5 days, 4 nights)
OR CASH REBATE
offer Good Nov 1, 1983 to Jan 31, 1984

USED EQUIPMENT

TRACTORS: (Waiver to 3/1/84 or Cash Rebate
IH 806, 3 pt Hitch, Wide Front, TA, $5950 (No Trade)
(2) IH Farmall "C"
Int F12 w/cult
JD 2010 D, Tri
Int 400 Farmall, Real Nice!
IH 1066 D SOLD b & Air - Real Nice!
IH 966D w/Cab
IH 766 D, Black Stripe
IH 806 Diesel, Wide Front, TA, Fast Hitch
IH 560 Gas, 400 Gas
IH 404 Low Utility, 3 pt Hitch, w/Mott Mower & Snowblade
IH Cub w/Sno SOLD & Mower
IH 154 w/Mower-Rebuilt and Repainted
MF TO-20 w/Turf Tires
MF 33 w/3 pt Hitch
MF 65 Diesel w/MF Loader
IH 340, Tri

PLANTERS: (Waiver to 5/1/84)
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert
4 & 6 Row Cyclos, Field Ready!
JD FBB 17x7 DD
IH No SOLD ain Drill
IH NO 10 16x7 SD, Comb. Drill
Oliver 24x6 Combination Drill
MF 13x7 Comb Drill

MATERIALS HANDLING: (Waiver to 3/1/84)
Front Mtd Forklift for 20 Series JD Tractor
Farmhand Loader for IH 74 Series Tractor
157 Hawk Bilt Spreader was $995-Now $695
NH 512 Spreader w/End Gate
NI 212 S SOLD r, PTO, flail type
200 Gal Century Sprayer, Piston Pump
250 Gal Tecoma Air Blast Trailing Sprayer — $1,500!
IH 105 Grinder Mixer

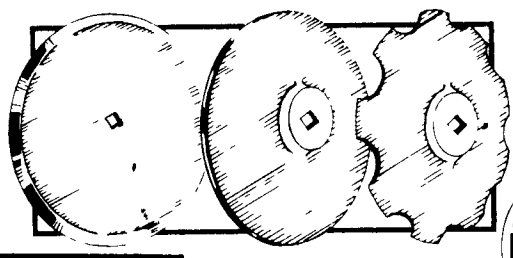
TILLAGE: (Waiver to 3/1/84)
Cub Single Gang Disk
Cub 2-Way Plow
Pittsburg 11 6" Disk
Sunflower 16' Single Wing Disk
JD 110, 12' Disk, Good Shape
IH 370, 350, 37, 35 In Various Sizes
Oliver 4-Bot Semi-Mtd Plow
IH 440 4-Bot Plow
IH 700, 5 Bot, 18" Plow
IH 700 6 Bot 16" Plow
IH 540 4-Bot 14" Semi-Mtd Plow
IH 531 3 pt 3 Bot Plow
IH 311 Fast Hitch Plow, 3 Bot
AC 1-Bot Trailing Plow
MF 880 5-Bot Auto Reset
Glencoe 18' Field Cultivator
Vicon 10' Power Harrow — ~~$2,500~~ — ~~$2,300~~ — $2,000

HAY & FORAGE EQUIPMENT:
(3) IH No. 51 Forage Wagon
IH #5 Flail Chopper, Direct Throw
33 NH Flail Chopper
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper
IH 990 9' Mower Cond
1014 Hesston Mower Cond
IH 27 Baler w/Thrower
IH 47 Baler w/Thrower
IH 440 Wire Baler w/Thrower
Kuhn GF 452 4-Star tedder, Nice Shape
5026 Elec Wheel, 8 ton Gears

COMBINES:
IH 863 6-Row Narrow Cornhead, Low Acres
715 Diesel Hydro w/13 Floating Cutter Bar and 744 Cornhead
AC Model C2, 12 Hd, 4-Row Wide - Rough Cond - $2,000
MF Model 300 Gas, 2 Row Hd, & Platform - Rough Cond — $1,200
810 13' Cutter Bar
IH 1460 (1980 Model) w/963 Cornhead — Coming In!
FKS Gleaner Diesel 4 Row Wide, 12' Platform
MH 35 SP 8' Platform, Fair Shape
715 D Hydro, 1976 Model, 820 15' Cutting Bar — Real Nice
JD 4400 1977 Model w/213 Floating Cutter Bar & 443 Cornhead.
IH 315 Hydro w/12' Platform, Field Ready, w/PU Wheel & Hyd Lift
IH 315 Hydro (For Parts)
IH 403 w 4-Row Wide Head & 12 ft Grain Platform
IH 315, 2-Row Wide Head
IH 227 Cornhead, fits 315, 205 or 203
IH 234 Picker w/Husking Bed, Mount for 656 Farmall
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

LAWN & GARDEN:
IH 127 w/Mower, Recond
IH 1650 w/Mower, Like New
IH 682 w/Mower, Like New
IH 100 w/38" Mower

MISCELLANEOUS:
New FMC 1229 3 pt Hitch Air Blast Sprayer, Stainless Steel Tank — $4,250
New Starline Model 930 Flail Spreader, Hyd Lid And Rear Fold — $3950
McCurdy 20' Trailing Harrogator — $1,400
SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor — $750
Rhino 131 12' Flex Disk At Below Dealer Cost



IH DISK HEADQUARTERS!

EARTH METAL

EARTH METAL DISKS:
60% Stronger!
20% Longer Life!

C-shape bearing standards Allow gangs flex to ride over obstructions.

IH 496 FLEX WING DISK HARROWS WITH EARTH METAL DISKS!

Model	Cutting Width	Disk Blade Spacing	Blade Sizes Available	Transport Width	Operating weight With Blade Sizes
496 Folding Wing-Type	18 ft 7 in 22 ft 2 in 24 ft 7 in 28 ft 1 in 31 ft 8 in	7½ in	20 or 22 in	12 ft 5 in 12 ft 5 in 14 ft 8 in 14 ft 8 in 14 ft 8 in	20 in solid 6598 lb 7326 lb 7807 lb 8513 lb 9137 lb
	19 ft 1 in 22 ft 24 ft 10 in 27 ft 8 in 32 ft	9 in	22 in	12 ft 5 in 12 ft 5 in 14 ft 8 in 14 ft 8 in 14 ft 8 in	22 in solid 6750 lb 7370 lb 7847 lb 8482 lb 9224 lb
496 Cushion Gang	19 ft 1 in 22 ft 24 ft 10 in 27 ft 8 in 32 ft	9 in	22 in	12 ft 5 in 12 ft 5 in 14 ft 8 in 14 ft 8 in 14 ft 8 in	22 in solid 7125 lb 7667 lb 8105 lb 8911 lb 9700 lb

New For 1983...
22'2" - 7½" Spacing, Cushion Gang - Model 496

Others In Stock...
19'1" - 9" Spacing, Regular Gang
19'1" - 9" Spacing, Cushion Gang
22'9" Spacing, Cushion Gang

CALL US FOR IH DISK HARROW PARTS IN STOCK!

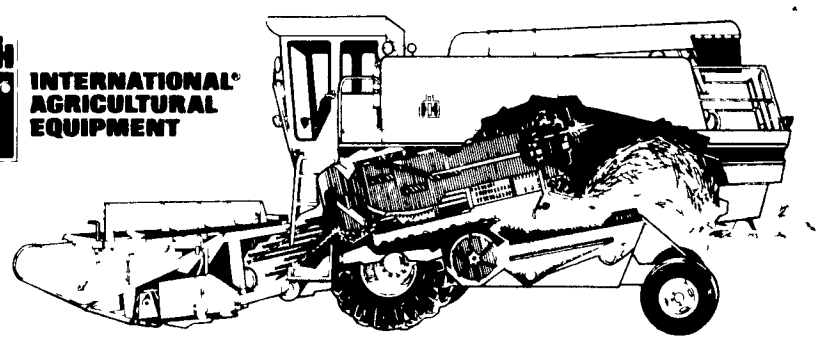
★ WAIVER ON DISKS TILL 3/1/84!

IH GRAIN DRILLS
• In Stock - Ready For Delivery •
18x7 Plain 16x7 Comb.
21x7 Plain, old Price!
★ WAIVER TILL 5/1/84!

IH SUBSOILERS - IN STOCK
No. 14, Auto Reset, 5 Shanks
No. 10, 8'3, 3 Shanks
★ WAIVER TILL 3/1/84!

COMBINE HEADQUARTERS
★ Check With Us Before You Buy! ★

INTERNATIONAL® AGRICULTURAL EQUIPMENT



- ★ IH 1420 Combine
- ★ 963, 944 Heads In Stock! - Old Price Plus White Tag Special
- ★ 810 13' Cutter Bar
- ★ 810 15' Cutter Bar (Old Price!) - White Tag Special

★ **WAIVER TILL 9/1/84**
OR CASH REBATE!

We Specialize In
IH Combine Parts & Service!

We Ship Parts UPS, Parcel Post — Same Day!

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Daily 7-5; Sat. 7-3

- ★ Farm Bilt Hay Wagons
- ★ John Blue Sprayers
- ★ Jamesway
- ★ Sprayer Parts headquarters
- ★ FMC Bean
- ★ DeLaval
- ★ Roskamp Roller Mills
- ★ Woods
- ★ Deutsch-Fahr Tedders In Stock
- ★ Grasshopper Mowers

★ Northwestern Skid Loader - Model S71 Gas - Demo, In Stock At Special Price!
Special Price On Diesel Unit Available On Factory Order - Call For Price!

We're An XL' Dealer!

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Carts with Farm Built Wheels
1 Year Guarantee

FOR SALE
Auto turn carts and five angle scrapers
Reassemble with two bolts

Scrapers $175
Carts $285
with brake
Carts $245
without

Scraper good for barn yards, stones & snow

10% Discount On Hay Rakes

FOR SALE
Hayrakes made any size from 6 to 16 ft.
$19.00 a ft.
6 - 8 - 10 ft. in stock
Used Pipe Size From ½x6 half price
Many Other Styles Hayracks In Stock
Any Size Gates Made To Your Needs

SAMUEL F. STOLTZFUS
RD 1 Box 199
Christiana, Pa. 17509
at Bartville

CLEANUP SALE

	List	SALE
JD 55 combine, square back, 12' platform w/pu 2 RW	$8500	$5500
JD 1050 tractor, 320 hrs , like new	$9500	$7500
JD LA tractor w/plow & cult	$2500	$1500
JD 1209 M-C	$3500	$2500
JD 336 baler w/30 ej & 2 Hyd Cyl	$6500	$5000
JD 1550 O-till Seeder	$8000	$5000
JD 145 plow 5-16, SH & Trashboards	$2500	$1500
JD 2 row - row crop 38"	$700	$300
JD Grapple Fork for Skid Steer Loader	$400	$185
JD Furrow Filler Attachment For Disc	$145	$85
JD 1240 Plateless Planter	$2600	$1800
JD 567 Rake, (4 Wheels)	$900	$400
JD Cushion Gang Attachment, 115 Disc	$700	$495
JD Rear Hitch F/Chisel Plow or Plowing Disc	$125	$75
Kools Blower, 1000 RPM	$1200	$750
IHC #16 Harvester	$1000	$400

NEW PARTS AND ATTACHMENTS

	List	SALE
JD 7000 4R Marker, Complete	$700	$350
JD 7000 4R Dry Fert Attachment	$732	$350
Dual Wheels, (Snap On) 20.8-38	$800	$450
JD Manure Spreader Web, One 36" Wide, Chuck Wagon	$349	$175
Web for JD Model 34 & 40, 49" W	$303	$200
Complete Harrow Runners	$85	$40
JD 1441 Steel Moldboards	$95	$45
JD NU 16" Moldboards	$120	$75
JD Hyd Valve For Loader	$500	$250
JD RG, 2840-2940	$575	$300
JD Enclosure 2840 & 2940	$250	$125
JD Weather Shield For Utility Tractors	$200	$100
Rear Tractor Chains 13 6x16	$175	$100
JD Material Bucket 60", Fits 145-146-148-158	$500	$375
JD Material Bucket 72", Fits 145 - 146 - 148 - 158	$550	$425
JD Windshields For Snowmobiles	$30	$15
2 JD 7000 No-Till Coulter Brackets	$700	$400
JD Side Bale Turner For Baler	$175	$75
JD 12' Harrow Draw Bar w/ Cable Hitch	$150	$75
Used Silo Doors (Silver Shield Silo)	$35	$10
Used JD Gear Box For 15-15A-16-16A Chopper	$450	$200
(1) JD Screen for 700-750 Grinder Mixer ¼"	$113	$50
(1) JD Screen for 700-750 Grinder-Mixer 5/8"	$113	$50
(1) JD complete clutch plate 1020-1520-2020	$146	$50
(1) JD 1000 RPM PTO Stub Shaft 3010-4010	$65	$25
(3) JD Cylinder Liners 1520 2520 Diesel	$61	$20

A Lot of JD Misc Parts & Attachments Not Listed

Earl Auker
717-463-2394
(Formerly Auker-Ena Eq., Inc.)

NEW TRACTORS IN STOCK

Waiver until March 1, 1984

* JD 1050, 33 HP
* JD 4050, 100 HP, Q.R., cab
* JD 4250, 120 HP, 4WD, PS, cab
* JD 4450, 140 HP, 4WD, PS, cab
* JD 4450, 140 HP, PS, cab, duals

NEW COMBINES IN STOCK

Waiver until Sept. 1, 1984

* JD 6620
* JD 7720 2WD
* JD 643 corn heads
* JD 216 flex platform
* JD 220 flex platforms
* JD 653A row crop head

MISCELLANEOUS

* JD 450 spreader
* JD 260 loader
* JD 337 baler
* JD 347 baler
* JD 1008 rotary cutter 10'
* JD 1408 rotary cutter 14'
* JD 8300 drill 21x7
* Woods HD 315 15' batwing mower

We Cater To ALL Farmers, BIG or Small

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Cooper Ent., Inc.

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301-755-6608

Evenings Call Gary
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or Billy 778-6024

Dismantling Combines for parts over 200 all makes and models. Call before you come.

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 203, 303, 403, 503, 205 & 815 JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII, E or L. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510 Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull 701 NI Uni tractor, NI Uni - 705D (ear corn unit), combine & shellers, Case 800 & 660, 600

COMBINES

E Gleaner, 3 row narrow corn head, cab, 10' grain head
IH 205 w/10' grain head, 2R corn, $4200
IH 93 w/10' head
IH 403, cab & 13' head
JD 4400, cab & head
JD 40 w/8' head
IH 105, cab, grain & 2 row corn, $2500
C2 Gleaner w/2 heads
Gleaner A2 w/cab & grain head & corn head, $3650
NH 985 cab with quick-tach grain head
MF 410 Diesel w/grain & 4R 30" cornhead
MF 300, cab, 13' grain head, 2 row corn head, $3500

TRACTORS

VAC Case, tires like new, $685
Late Farmall H, good shape
AC C tires, like new
Late JD A w/hydraulics
JD 60 w/live PTO, $1050
IH 3444 Diesel, industrial loader tractor, $2475
IH 330 w/loader and power steering
VAC Case, 3 pt, hydraulics, $750
Oliver 77 gas, $675

TILLAGE

JD RWA 14' wheel disk, $875
JD 1450 6 btm 16" plow, $1750
3-IH 10' & 12' wheel discs
10' transport roller harrow

MISC.

NI 213 spreader w/new drag chain & sides, $1275
Hawk Bilt tank spreader, $575
2 Dodge Buses, good running condition, makes good hay truck or campers
(2) 50 bushel spreaders, $150 & 200
Case spreader, $275
2 sets of 18x38 rear tractor, dual wheels
New Zimmerman 32' elevator, $1450
IH loader for H or M, $185
Sauder loader, $100
3 pt Hesston round balemover, $450
Dump trailer will haul 12 T shelled corn, suitable for tractors 100 HP or over
IH PTO spreader, $500
JD 1450, 6 btm., 16" plow, on land hitch, $1575

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

JD 2010, 70D, 4010, IH 560 D, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut , Supers C, H & M JD A, B, 50 & 60 AC WD, WC, D17 Oliver 70 & 77 Ford 8N, Ford 6000D Case SC & VAC, DC Massey 44D, 333, 30, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler JD 70 G, Oliver crawler, 2 Oliver crawler loaders

Dismantling 50 pickers for parts

POSITIVELY NO OUT OF STATE PERSONAL CHECKS

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20 mi. north of Hbg.
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The Time Is Right... The Price Is Right!!

USED SPREADER SPECIALS

★ Field Ready! ★ Top Quality!

(1) NI 206, Ground Drive, 95 Bu. . . . $650
(2) NI 214's, Flail, Hyd. Endgate, 200 Bu., T-Bar Chain . . . . . Choice for $1795
(1) NI 218, 318-Bu., Single Beater, Hyd. Endgate, T-Bar Chain $3600
(1) NI 245, 10 Ton, Single Beater, Hyd. Endgate, 1 Yr. Old., Like New $6900
(1) NH 513, 177 Bu., Hyd. Endgate, T-Bar Chain, Used 8 Months. $3900

USED IHC 1150 GRINDER MIXER
105 Bu. Tank, 10' Unloading Auger **$1995**

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- New Idea
- New Holland

Call Ray or Ed
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Churchville, Maryland

WHITE FARM EQUIPMENT

NEW EQUIPMENT

WHITE -
2-75 Tractor
2-85 Tractor
2-135 Tractor w/cab
255 Disk Harrow
225 Field Cult., 19'

GEHL-
BU 960 For. Box
FB 99 Blower

AVCO NEW IDEA

NEW IDEA-
384 Solid Plus Spreader
352 Spreader
353 Spreader
213 w/215 Cylinder Paddle

KUHN-
17' Gyrotedder

USED EQUIPMENT
2-35 White Tractor
2-105 Tractor w/Cab, Low Hours
800 Series Ford Reconditioned 214 w/217 Spreader
218 Spreader, Reconditioned
Gehl 115 Grinder Mixer

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Feb. 7th

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HOT WATER (200 ° F) HIGH PRESSURE (500-3000 PSI)

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GOOD USED EQUIPMENT

TRACTORS
MF 165 Diesel
MF 265, 8 sp.
MF 175, MP
MF 285, 8 Sp.
MF 1080
MF 1130
MF 1105, MP
MF 2705 cab, 700 hrs.
MF 1150 w/cab
Farmall 400 gas
Farmall 966
Oliver 1850 gas

LOADERS
Gehl HL 3510
Gehl HL 2600
Gehl HL 4400 Diesel
Gehl HL 4600
Sauder to fit JD 2010

TILLAGE
Brillion 12' Pulimulcher
Brillion 10' Chisel Plow
Glencoe 7 Shank Soil Saver

COMBINE
MF 300, cab
MF 35, SP
MF 540, 13'
MF 510

GRINDER MIXERS
Gehl 115
Allied 265

SPREADERS
Gehl 250
MF 130

HAY BALERS
NH 273
MF 12 w/thrower
JD 14T
Hesston 5600

MOWER CONDITIONERS
Ford 501, 3 Pt. Mower
Hesston SP320
Hesston 6450
Hesston 1090
Hesston PT10
NH 461
NH 469
JD 1209
NI 299, used 2 yrs.

NEW EQUIPMENT
Hesston 6650 12'
MF 550 hydro.
Field Queen 7650
Gehl 1400 Baler

Longenecker's, Inc.
At Clappertown Williamsburg, PA
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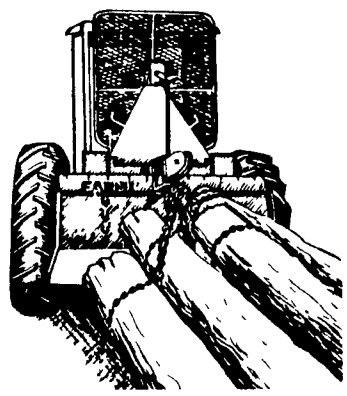
DRAG IN THE PROFITS!



Make your tractor a productive forest machine with a Farmi Logging Winch!

Your tractor and the Farmi winch is a low cost solution for winching in and skidding out your firewood, pulpwood and logs.

FARMI MODEL	LINE PULL	TRACTOR SIZE
JL250	5500 lbs.	18-30 HP
JL306	6600 lbs.	25-50 HP
JL456 -JL50	10000 lbs.	50-140 HP
JL60	15000 lbs.	80 HP & Up

The winches fit any 3-point hitch. Several logs can be winched in at one time.

The cable is locked when the logs have been winched to the tractor. The 3-point hitch is raised to lift the logs off the ground when the logs are transported to the landing.

Farmi winches are sold and serviced by:

SUNNY RIDGE SMALL ENGINE SHOP
RD 1 Box 55B
Myerstown, PA 15552

MF Massey Ferguson

TRACTORS & EQUIPMENT

Ford 4000 Tractor
Ford 4000 Turf Tractor
Ford 3500 Tractor & Loader
Ford 641 Tractor w/Loader
MF 150 Tractor
MF 20C Tractor w/cab & loader
AC D17 Dsl. Tractor
IH Tractor & Loader w/Forklift Attch.
MF 760 Combine w/Attchs
IH 440 Baler
NH 320 Baler w/thrower
NH 315 Baler
NH 269 Baler w/thrower
NH 510 Manure Spreader
NI 213 Manure Spreader
Hesston PT10 Mower Cond.

NEW M.F. EQUIPMENT

MF 285 Tractor
MF 245 Tractor
MF 1010 Tractor
MF 20 Turf Tractor
MF 236 Loader
MF 236 Loader to fit MF 184-4 Tractor
MF #43 2B Plow
MF 820 Disc Harrow
MF 520 disc harrow
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 18 Scarifier Scraper Blade
MF 124 Baler w/Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades

S.G. LEWIS & SON, INC.
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West Grove, PA
215-869-2214

TRACTORS
Case 930 Dsl, WFE
MF 175D 8 speed
MF 135G
MF 235G
JD 1520 Diesel
JD 2010G
JD 4010 Dsl.
AC D17, PS
AC D15 Series II
AC WD45
Farmall Cub w/Attch.
Farmall Cub w/mower
Farmall 504 3 pt.
Ford 9700 Dual Power
Ford 8000 Tractor
Ford 7000 Fully Equip.
Ford 5000 D
1971 Ford 4000 Gas
Ford 4000, live PTO
Ford 3000 8 Speed
Ford 2000, PS
David Brown 1200
David Brown 780
Satoh Elk w/mower
JD 18' wing disc
MF 33 Grain Drill
NI 206 Spreader
NI 216 Spreader
MF 6' Rotary Cutter
NH Flail Chopper

TRACTORS & LOADERS
(2) 3400 3 pt.
Ford 9N
Ford 8N w/Loader
Ford 3000 D w/Snowplow
Ford NAA w/Snowplow
Ford CL40 skid loader
Ford 801 backhoe
Satoh 650 PS
MF 2200
MF 203

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

GUNTHER HEUSSMAN INC.

SO. 5TH ST., EMMAUS, PA. 18049 215-965-5203

Call John Bolton or Gunther

QUALITY LATE MODEL FARM EQUIPMENT

TRACTORS
JD 4030 Cab, Air, Quad, 1219 hrs., 1977
JD 4240 Dsl., cab, air, quad, very nice
JD 4230 Dsl., cab, air, quad
JD 4020 Dsl. WF dual hydraulics, 1968 model
JD 3020 Dsl. Side Console, WF, 1972 model
JD 4520 Dsl., Very Good
JD 4030 Dsl. Cab and Air
JD 4430 Dsl., Cab, air, quad, very nice
JD 4430 Dsl., WF, Rops
JD 3020 Dsl. WF dual Hyd.
JD 3020 Gas Row Crop
JD 2940 Dsl w/148 Loader, 1300 hrs., ex. cond.
JD 2630D Direction reverse, 16x28 tires w/145 loader
JD 2030 Dsl., independent PTO, very good
JD 820D 3 cyl. 8 speed
JD 301 w/loader,3 pt. hitch, PTO, very good
JD 620 good condition
IH 1066 Dsl. Year Round Cab and Air
IH 1466 Dsl. Cab, Air, Very Nice
IH 1206 Dsl WF
IH 686 Dsl WF
IH 856 Dsl. WF 38" rubber, new TA, very good
IH 84 Hydro, 1600 hrs., 1980 model.
IH 86 Dsl. Hydro wide front, very good SOLD
IH 766 Dsl. WF, w/cab & air, very nice
IH 656 Gas, 3 pt. hitch
AC 185 Dsl., wide front, nice
AC 7000 Dsl. Power Shift, Cab and Air
AC 220 Dsl. WF, very nice
AC 200 Dsl. w/cab, excellent
White 2-85 Dsl. WFE
Ford 8000 Dsl., dual power
Ford 7000 Dsl., dual power, very good
Ford 7600 Dsl., very good SOLD
Ford 6600 Dsl., very good SOLD
Case 1030 Dsl., w/cab
Case 1190 Dsl., w/loader (new)
MD Super 90 WF, very good

BALERS
JD 346 Twine w/thrower, hydraulic bale tension, very good
JD 336 Twine w/thrower, nice
Hesston 5400 Round Baler
NH 277 w/thrower
NH 276 w/thrower
NH 851 Big Round, auto wrap, like new

PLOWS -AUTOMATIC
New & Used IH 720 5x18 sp. reset
IH 710 6x16 Spr. Reset
IH 710 4x16 Spr. Reset
JD 2500 5x18 Sp. Reset

PLOWS
IH 4 & 5 Bottom Semi Mtd.
IH 140 4x16 roll over
White 5x16 semi mtd.
JD 4 & 5 Base Semi Mtd.

GRINDER-MIXERS
JD 400, very nice
Brady 950 hydra drive
Gehl 120, very good
Gehl 65, excellent

GRAIN DRILLS
JD FBB 15x7 Fert., Grass Seed, DD
JD FBB 17x7 Fert., DD, Power Lift
JD 8300 18x10 Double Disc, liquid fert. and press wheels, like new

CORN PLANTERS
JD 7000 6-Row Conservation Dry Fert. Monitor & Insect
JD 7000, 6R liquid fert., w/monitor & insecticide
JD 7000 4R Wide, Dry Fert. & Insect.
JD 7000 4R narrow, dry fert., insect. monitor, minimum till coulters, very good
JD 1240 Plate w/disc openers on corn & fertilizer, excellent
JD 1240 Plateless Disc openers on corn & fert. insect. & rubber press wheels
IH 56 4-Row Dry Fert.

DISCS
JD BWF 18' Wing Fold Rockflex
JD BWA 11'6"
JD 220 center fold, 52 blades, 6 wheel, very good
JD 210 12'
JD 4000 Double Offset 12'
JD TWA Plow Disc, 28 blade
JD AW 10'-11'6"-13' All very good
Bush Hog 146 Offset, 11', big blades
Kewanee 18' Hydraulic wing fold, very good

MISCELLANEOUS EQUIPMENT
Bush Hog SL 70 loader w/7' bucket, Universal mtging brackets
Fahr 17' hay tedder
Case 3 pt. 16' Wing Fold Field Cult.
JD 3 pt. 18' Hydraulic Wing Fold Field Cult.
JD 350 Rake w/rubber mtd. teeth
Glenco 10 tooth Pull Type Chisel Plow
Brady 7 or 9 tooth 3 pt. Chisel Plow
JD 1700 mulch tiller, 9 or 11 chisels
JD 45 & 55 Quick Tach Feeder Houses, very good
JD Hay Pickup w/Gauge Wheels
MF 43 Corn Head, Late Style
Gehl 99 Blower
NH #489 Haybine, very nice
JD 1209 Mower Conditioner, (new & used)
JD 1207 Mower Conditioner
Kewanee hydraulic wing fold field cultivator
Servis 12' Rotary Mower
Stan Hoist 4 Row Stalk Shredder
JD cab to fit 1020, 1520, 2030, or 2630

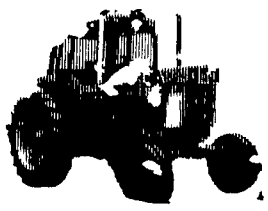
COMBINES
1975 JD 4400 Dsl., w/cab, very good choice of heads
1980 NH TR70 cab and air, hydro 3208 cat dsl. 700 hrs., like new w/15' Flex Grain Platform
1979 JD 4400 Diesel, cab and air, 700 hrs., like new
1974 JD 3300 gas w/cab, choice of heads
NH 975 Combine, Cab, 13' Quick Tach Platform and Pickup Reel, $3650.
IH 82 Pull Type Combines like new, cut 2 acres SOLD
JD 453A Row Crop Bean Head
IH 315 w/cab & air, 10' grain platform, pickup reel & 2 row corn head

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

CORN HEADS
AC 240 E III
MF 24, 43, 44
JD 243, 244, 343, 443, 444, 643
IHC 227

HARVESTERS
JD 3800 w/2RN Head & Long Tongue
NH 38 Flail Chopper, Ex. Condition
NH 890 w/2 RN Head w/long tongue, electric controls, very good

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT



WHITE TAG SPECIALS
3088
234D-4WD, 15HP
244D-4WD, 18HP
15 Rear Blade,
420 3-F plow
720 5-F plow
540 Spreader

LAWN & GARDEN SPECIALS
482 Cub Cadet, 11HP w/mower
782 Cub Cadet, 17HP Hydro. w/mower
982 Cub Cadet, 19HP 3pt.

NEW EQUIPMENT
McKee snowblower for a IH 184 & 154 tractors, SPECIAL PRICE
IH 475 disc, 11'6"
335 wagon
18' bale wagon
Morridge Grain Dryer
5100 grain drill, 16x7

USED EQUIPMENT
IH 475 disc, 11' 6"

USED TRACTORS
Farmall Cub w/mower
Farmall Cub w/mower & snow blade
Int. 3616D
Farmall H

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

USED EQUIPMENT

Would anybody give $37,000 for a brand new JD 4440 cab, air, quad range?

COMING IN
Uni 709-4 wheel drive with 767 chopper, 768 3 row corn head and grass pick-up. Will separate.

IH 1256 w/exc. cab.
IH 1466 Cab & Air
Farmall 966 No Cab
Farmall 826 Diesel, recently overhauled SOLD
Farmall 806 w/Hinson Royal Guardian cab, excellent
JD 4320 Tractor
JD 4430, Cab & Air QR, 2300 hrs. new in Sept. 1977
JD 4020, Side Console SOLD
IH 1086 w/cab & air
Case 1030 w/excellent cab, would sell cab separate
JD 210 Disc 13'6" wide
JD 4B Semi Mtd. Hyd. Reset F SOLD
JD 158 Loader
IH 2350 Loader
Uni 705 Diesel w/740 Throat & & 844N Corn Head
NI Snow Blower for Uni Tractor

RAYMOND B. LEAMAN
Willow Street RD 1
Ph: Lancaster 717-464-2778
Midway between Lancaster & Quarryville off Rt. 222 take Brenneman Road at Graybill Bros. Garage, Refton

NEW EQUIPMENT

TRACTORS
JD 750
JD 95 SOLD
JD 2150
JD 2350
JD 2550
JD 2750
JD 4320 w/cab

TILLAGE EQUIPMENT
JD 235 19'11" Disc
JD RM4 Cultiv SOLD
JD 1250 3B Plow
JD 1010 Field Cultivator
JD 1610 Chisel Plow
JD 415 Rotary Hoe
Glenco SSP 7B Soil Saver

HAY TOOLS
NH 489 Haybine
NH 58 Thrower
JD 337, 347W Balers
JD 3940 Harvester
NH 38 Crop Chopper
NH 311 & 316 Balers
NH 451 Mower
NH 256 & 258 Rakes
NH 782 Harvester

COMBINES & HEADS
JD 215 Flex Platform
JD 643 Corn Head
JD 6620 Combine
JD 213 Flex Platform
JD 444 C. Head
JD 4420 Combine

OTHER EQUIPMENT
JD 158, 175, 245, 260 Loaders
JD 1065, 1075 Wagons
JD 78 Blade
NH 230 Wagon
Century 500 Gal. Sprayer
DeLaval Manure Pump

PLANTING EQUIP.
JD 7000 Cons. Pltrs. 4R & 6RN
JD 8200 18x7, 21x7 Plain Drills

USED EQUIPMENT
IH 1440 Combine w/13' Platform & 4RW Corn Head
JD 4020 Tractor
IH 966 Tractor
JD 2040 Tractor
NH 791 Manure Spreader
NH 320 Wire Baler w/hydraformatic
AC K2 Combine
JD 643 Corn Head
JD 244 Corn Head
JD 7000 6R Planter w/Dry Fert.
NH 770 Fg. Harv.
Fox 3000 Fg. Harv.

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Quonset Buildings

USED EQUIPMENT

TRACTORS
JD 4240 w/SG Body, 530 hrs. $28,000
IH 1086 w/cab, 1180 hrs. $18,500
IH 1066 w/cab $10,900
IH 656D, reconditioned ..... $ 6,900
MF 1085 ..... $ 7,900
MF 1080 ..... $ 5,900
JD 950 D/6' mower, 450 hrs. ..... $ 6,900
JD 950 D/75 Loader, 155 hrs. ..... $ 7,500
Ford Jubliee w/loader and plow ..... $ 3,500
JD A ..... $ 1,100
IH 1486 w/duals ..... Coming In

COMBINES
82 JD Sidehill w/15' Flex Head $69,000
78 MF 750 w/Heads $28,000
78 JD Sidehill $40,000
68 JD 45 ..... $ 5,000

PLANTERS
JD 6R Consv. w/Dry Fert, 2 yrs. old .... $ 9,000
JD 4R Max-Emerge ..... $ 5,900
MF 468 4R and 6R Planters ..... $ 1,000
(3) 2 Row JD Planters ..... $300 and up
IH 4R 456 Planter ..... $ 1,200
JD 1240 ..... $ 1,800
JD 1460 6 Row ..... $ 3,500
JD 8350 21x7 DD Drill, new Discs ..... $ 4,500

TILLAGE
JD 950 12' Roller Harrow ..... $ 2,700
JD 1450 5x16 Plow ..... $ 2,900
Pittsburg 14' Disc ..... $ 1,900
Pittsburg 12' 3 pt. Harrow ..... $ 590
Ford 6' 3 pt. Disc ..... $ 750

HARVESTING
IH 650 Harvester w/3 heads ..... $ 2,100
JD 3800 Harvester w/3 heads ..... $ 5,500
NH 770 Harvester w/2 heads ..... $ 3,500
NH 36 Chopper ..... $ 1,500
JD 1209 Mower/Conditioner ..... $ 3,500
JD 716 Forage Wagons ..... $ 4,000
JD 750 Grinder-Mixer w/scales ..... $ 4,500

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
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Coming Attraction ...

★ John Deere Factory Fly-In
February 23rd and 24th
• Waterloo Tractor & Engine Works
• Moline Administration Center
• Harvester Works and Foundry
Plane Leaves Harrisburg Early on Feb. 23rd — Returns Feb. 24th

JANUARY Savings!

ALL COMPANY REBATES APPLY!

COMPARE! You'll See This Equipment Can't Be Bought For Less!!

NEW JOHN DEERE EQUIPMENT!
716A Forage Wagon, Complete, K.D. ..... SAVE!
JD Ind. 300B Tractor with Loader, Backhoe Avail. (with Rebate) ..... SAVE!

USED TRACTORS!
1977 JD 2840, 6 Cyl., 80 PTO HP, with Roll Guard, 158 Loader, Snowblade, 850 Hrs. ..... SAVE!
JD "A" w/Wide Front
JD "B" w/Cult, Plow & Vine Lifters
(2) Ferguson 30
Ford Jubilee w/Wagner Loader
Ford 9N

NEW NEW HOLLAND EQUIPMENT!
TD 200 13' Disk with 24" Blades ..... SAVE!
30 Blower ..... SAVE!
353 Grinder Mixer ..... SAVE!
1003 Bale Wagon ..... SAVE!

MISCELLANEOUS!
★ Used 60" Ber-Vac Front Mtd. 2-Stage Snowblower, Fits JD 950 Compact Tractor. Also Adapts To Similar Tractors...Good Cond. — $750!
★ New 48 HP Diesel Agra Power w/40 Hours, 3 pt. Hitch, 540 PTO — SAVE!... (Built by Fiat)
JD 205 Cornhead
JD 7 Ft. Killifer Orchard Disc
JD 14' Disc
Small 8' JD Disc
JD 8' 3-pt. Harrow
JD 290 Pull Planter
Woods C80 3-pt. Rotary Cutter

COMBINE!
1979 6620 SideHill, Choice of Hds., Fully Serviced, 2157 Hrs. — Cream Puff!

USED BALERS!
NH 283
NH 271 w/Thrower
NH 77 w/Engine
NH 258 Rake

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John Deere Lawn & Garden & Snowmobiles
Many Short Lines of Machinery
New Holland Machinery
Wheel Horse Lawn Equipment

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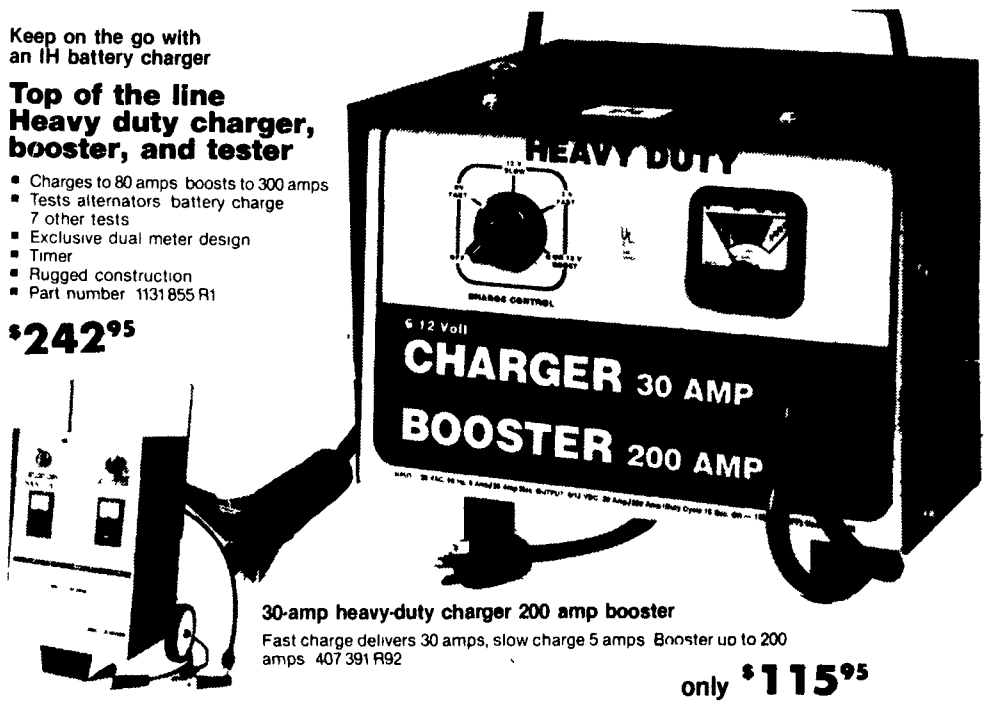
Keep on the go with an IH battery charger

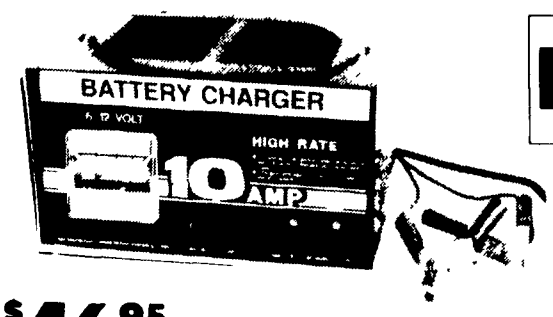
Top of the line Heavy duty charger, booster, and tester
- Charges to 80 amps boosts to 300 amps
- Tests alternators battery charge 7 other tests
- Exclusive dual meter design
- Timer
- Rugged construction
- Part number 1131855 R1

$242.95



30-amp heavy-duty charger 200 amp booster
Fast charge delivers 30 amps, slow charge 5 amps Booster up to 200 amps 407 391 R92

only **$115.95**



PARTS VALUE OF THE MONTH

Save 29%
10-amp charger
This household and utility 10-amp charger is an excellent choice for home and farm 407 389 R92

$46.95

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HERR & LEAMAN

Used Farm Equipment Sales & Service
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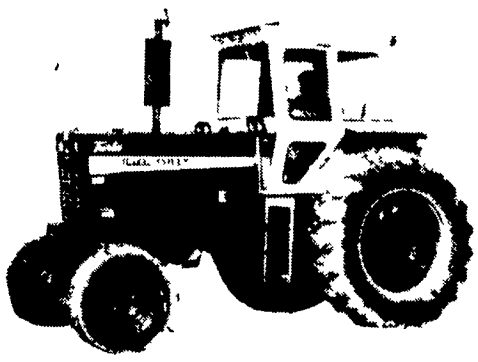

QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVICED & BACKED WITH A WARRANTY/WILL DELIVER ANYWHERE

- 1978 JD 6600 Diesel w/Hydro., Air Conditioning AM-FM, Very Sharp, 1480 Hrs.
- NI 708 Diesel, hydro., cab & air
- NI 737 huskers (1)
- NI 738, 4R narrow corn head
- NI 730 4R wide cornhead
- MF 300 combine, quick tach w/2 heads
- JD 4020 D, w/cab, wide front, sharp
- JD 4020 D, wide front, 38" rubber, real good
- JD 4010 D, 38" rubber wide front
- JD 4320 w/factory cab, 38" rubber fully equipped
- JD 4520, syncro. range, factory cab, quick hitch, diff. lock, dual hyd., (also has 4620 after cooler up date kit), clean
- IH 1086 '81 model, cab, air, western interior, like new
- IH 786 1981 model, fully equipped w/only 100 hours, diff. lock and 38" rubber
- IH 1086 cab & air, fully equipped
- IH 1066 w/cab, good solid tractor
- IH 856 wide front, 3pt., 38" rubber
- IH 1456 w/factory cab, very clean
- IH 1456 duals & weights, solid tractor
- IH 1256 nice w/complete engine overhaul
- IH 856 Diesel, wide front
- IH 1206 w/cab and new TA, very clean
- IH 756 gas, real good tractor
- IH M Farmall
- IH 706 gas w/recent complete overhaul
- IH 706 gas, WF, 3 pt.
- IH and JD cabs (used)
- Vermeer #605E round baler w/all options, real nice
- AC 170 Diesel w/loader
- Year round cab w/air fits IH 06 to 66 series tractors
- Year round cab for JD
- Factory cab for 701 and 702 Uni

Box 91 New Providence, PA 17560
Business Ph. 717-786-1606 &
Evenings 717-786-4899

NEW TRACTORS

JD 2150
JD 2550
JD 4650
JD 2950 MFHH
JD 4050
JD 4250
JD 4450
JD 1250 4 whl. Dr $15,500
JD 2440 $17,000

NEW MACHINERY

JD 450 Spreader
JD 660 Spreader
JD 680 Spreader
JD 445 Spreaders
JD 300B Backhoe/Loader No Trade
JD 115 11' Disc
JD 315 13' Disc
JD 4420 Combine
JD 1326 Mower Conditioner
JD 660 Rakes w/rubber teeth
JD 3940 Fg Harvester
JD 2600 5Bx18" Plow
JD 1250 Plow 4Bx16" $2450.95
JD 2700 6Bx18" Plow
JD 7000 Conservation Corn Planters 6R
JD 16x10 FF Drill $4000
JD 327 Baler w/ejector
JD 27 Flail Shredder
JD 965, 1065, 1075 Running Gears

USED MACHINERY

1-IHC 830 Fg. Harv. 1981 model, PU & 2 R C H $11,000
1981 White Combine 7300 w/704N 4 Row Corn Head $25,000
JD 95 Combine Dsl engine, corn special w/ 435 corn head & 12' platform $10,500.
MH 273 Baler w/Thrower $2500
(1) 8N Ford tractor w/Hydraulic Front Blade $2500
(1) AC C tractor $1500
JD 730 Dsl Tractor $3500
JD 2440 Tractor $11,000
JD 400 Tractor Model 1981 w/60 mower $4,800
2-105 White Tractor $14,500
JD 1460 6 Row Planter No-till $3500
(2) AC 600 Series 6 Row Narrow Corn Planter $4500 ea
JD 8200 14x7 Plane Drill $3,000

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JD Agricultural Dealer and CP

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GREEN VALUE EQUIPMENT

Spreaders! Spreaders! Spreaders!
512 NH w/hyd. End Gate
$1,600
540 IH Spreader w/new chain
very good $1,600
160 MF spreader w/hyd endgate
$1,395
NH Tank Spreader
$950

TRACTORS

130 HP JD 4440 tractor w/SGA quad range, 890 hrs., excellent cond
125 HP JD 4430 w/Cab, ac, sharp
60 HP JD 2440 w/146 loader
IH 400 tractor, $2,200 nice
9N Ford, sharp
45 HP Satoh Beaver diesel, 4WD, $3,100

COMBINE

JD 6620 level-land, like new, 500 hrs
New 4420 combine
New JD 213 rigid platform $4,900
Used JD 443 Cornhead, like new

TILLAGE

JD F350, 4 btm, 16", special $2,000
JD 145 plow, 5 btm 16", exc., $2,500
JD 1250 4 btm, 16" integral $1,395
JD 145 4 btm, 16", very good
Case 4 btm, 16", semi-mounted, $1,000
IH 401 harrow hyd control, very good, $595
JD 12' drag harrow, $525, good
12 Pittsburg drag harrow, like new
JD KBA transport disc 10', $1,095
IH 10' disc, transport disc, $950
AC drag disc, $150
Case 7' Drag disc, $195
JD BW disc 10', $1,095
JD RWA disc, $200

DRILLS & PLANTERS

10' Moore No-till drill, like new, $7,200
IH 56 4 row insecticide, nice, $1,500
JD 494A planter for parts, $200
5400 White 6 row no-till dry, insecticide, monitor, $4,500

HAY & FORAGE

NI forage blower $895
JD 24T baler w/30 ejector, $2,495
Grimm hay tedder, $975
IH 440 baler w/thrower, $3,500
NH 818 harvester w/4 heads, $795
JD 38 forage harvester w/2RC
JD 800 SP windrower, 10' $2,250
JD 27 ft elevator, $395

MISCELLANEOUS

Bin wagon w/running gear
JD 227 picker for parts
7' heavy duty 3 pt. blade, $625
96" bucket for 145, 146, 148, 158 loader
Har-lo forklift, 3 pt hitch
NH Pull type fertilizer spreader, $395

JD Finance Waiver & Rebates
On Most New & Used Items!

AC 7000 Dsl. Tractor
AC 5040 Tractor
AC 200 Tractor w/Cab
AC 185 Tractor
AC 160 Dsl Tractor w/ Loader
AC 160 Tractor
AC C Tractor & Cultivator
OMC #83 Grinder Mixer
OMC 540 Stacker & Mover
8C Hydra-Mac Skid Loader

Coming--
OPEN HOUSE
Feb. 7 & 8
ROY H. BUCH INC.
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AMCO NEW IDEA
WHITE FARM EQUIPMENT

SPECIAL
White 5100
4 & 6 Row Planters
Also
New Idea 900 Series
4 & 6 Row Planters

USED EQUIPMENT

Oliver 1850 Tractor
Farmall 966 Tractor, Cab Air Duals
Farmall 400 Tractor
Ferguson 20
Ford 9600
White 5100 4R Planter (Excellent)
JD 1250 6R Planter
White 271 20'x8' Disk Harrow like new
White 264 12' 2 disc harrow (new)
Amco Terrace Disk
MM 4B Semi Mtd Plow
White 508 4x18 SAR Plow
Ford #101 3 x 14 Plow (Excell)
Noble 25' Field Cultivator
Hesston 1014 Windrower
MM 3496 Combine, Cab, 2R Head, 12' Grain Head
White 8600 Combine dsl hydro, air
NI 709 Uni 4WD w/838 husk unit
Woods 7' Rotary Cutter
JD 24T Baler w/thrower
Case 220 Baler w/thrower
1068 Haybuster no till drill (demo)
Fox 728 2R Corn Head
Better Bilt 1100 Gal Liquid Spreader
Ford 10 h p Garden Tractor w/42' mower
Ford 7 h p Garden Tractor w/34" mower

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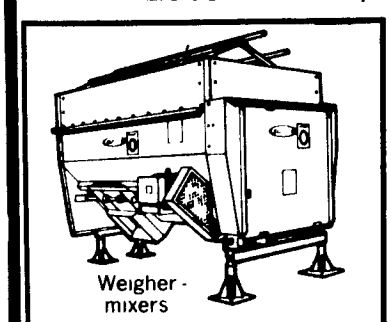


Weigher - mixers

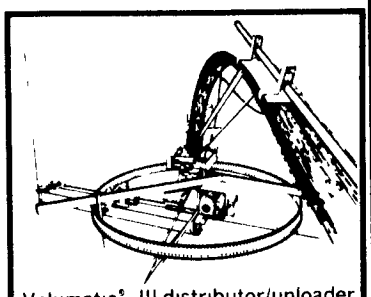
IN STOCK

New Butler 1830 Trailer Mixer

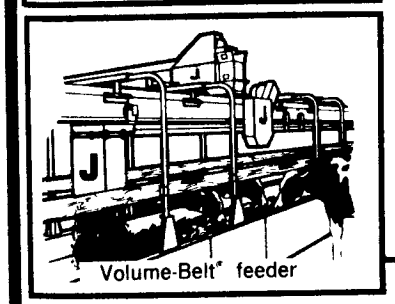
New Butler 115 Stationary Mixer

Rental Butler Trail Pump - 28 ft.

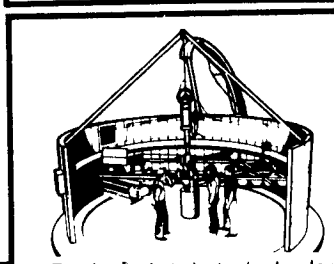
Used 1830 Butler Ensilmixer



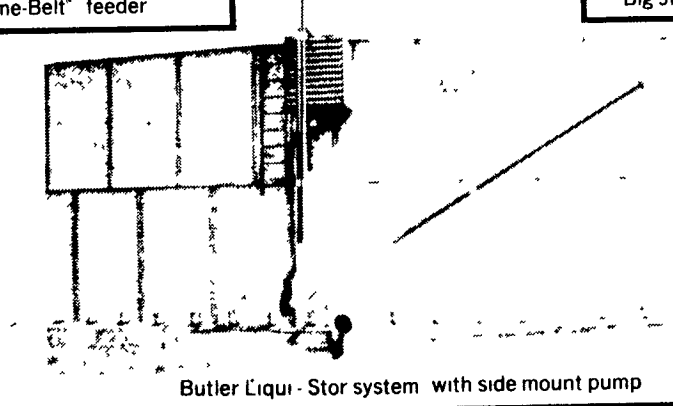
Volumatic® III distributor/unloader



Volume-Belt® feeder



Big Jim® distributor/unloader



Butler Liqui-Stor system with side mount pump

DEPENDABLE IS MORE THAN OUR NAME

GRUMELLI FARM SERVICE

bobcat

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ALLIS CHALMERS

TRACTORS

AC 7040D	AC 200	AC CA	IH 300	JD 4010	Case 300 w/Loader
AC 7045D	AC XT190D	AC WD 45	IH 340	JD 70	Case 800
AC 7050D	AC 180D	AC 5040D	IH Cub Low Boy	JD A	Case 450 Crawler/ Loader
AC 7020D	AC 170D	AC 5050D	IH 350	MF 65D	Oliver 1650D
AC 7010D	AC 175D	JD 2010	IH H	MF 65G	
AC 7000D	AC D19D	IH 806	IH 140	Case 1490	
AC 440	AC D14				

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- New and Used Miller Discs and AC Discs
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- 610 Bobcat Skid Loader
- 630 Bobcat Skid Loader
- 1000 OMC Skid Loader
- 371 Bobcat Skid Loader
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- MC 600 Grain Dryer
- 65' 8" transport Auger
- AC L, M, F, G&A Combines
- NH 890 Chopper w/2 or 3 Row Head & Pickup Head
- IH 830 Forage Harvester
- Uni Harvester 708 & 702

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Adams Industrial Machinery, Inc.

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Adams County

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- Case 1070
- Case 970
- Case VAC
- Case 930 Tractor "CK"
- Case 995
- Case 430
- David Brown 990 w Loader
- Oliver 500
- Oliver 1755
- Oliver 1655
- White 2 105 Tractor
- Farmall C w/cult & Loader
- SAME Tiger 100 4 WD

LOADERS
- Case 1737 Skid Loader
- Case 1740 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Dunham Lehr No 22 Loader
- Int 3200 Skid Loader

TILLAGE
- Case 6 Bot Plow, 20'
- Case Disc Harrow, 10'
- Oliver 2 Bot Trailer Plows
- Used Cultipacker

HARVESTING EQUIPMENT
- Case 600 Combine w/3 Row Head
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 767 Super Chopper
- NI 735 Cornhead
- NI 744N Cornhead
- NI 323 1 Row Corn-picker
- NI 325 2 Row Corn picker
- NI 324 2 Row Corn-picker
- IH 550 Harvester
- Case 300 Harvester
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2 row cornhead

HAY EQUIPMENT
- NH 479 Windrower
- NH 1002 Stack Wagon
- Hesston PT 10
- Hesston 1090 Win drower
- Dump Rake
- Bale Thrower Wagon
- Case Hay Rake
- NI Hay Rake
- NI 456 Round Baler

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- Ford 4 Row Corn Planter
- IH 400 Corn Planter 8 Row
- 8 Used Spreaders
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- IH 275 Spreader

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- (1) Vicon RP 1200 Round Baler
- (1) New Vicon 1200 Round Baler
- (1) Vicon SP450 Square Baler w/Thrower
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- Haybuster 1068 Semi-Mounted No-Till Drill

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- Farm System Flail Spreader, Left Side Loading
- Hesston 12' Hydro Swing Haybine
- Pequea Hay Tedder

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Ford 4000
Ford 4000
Ford 4000 1972
(2) Ford 4000 1968
Ford 4000 1966 SOS
Ford 5000 1969 SOS
Ford 5000 1968
Ford 6600 1978 w/cab & air
Ford 6600 1977 w/Q cab
Ford 6600 1976 w/Q cab
Ford 6610 10 hours
Ford 7000 1974
Ford 7000 1973
Ford 7600 1976 w/cab
Ford 8600 1972 w/dual power
JD 1120 1969 hi lo
JD 2030 1974
JD 2030 1973
(3) JD 2130 1975 2 w/cab
(2) JD 2130 1974
JD 3010
JD 3120 1972
JD 3120 1969
(2) JD 3130, 1 w/cab
JD 4020 1967
JD 4040, 4 wheel drive 1980
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New 6600
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New 1210 w/Frt. Whl. Dr.
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NEW IDEA
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NI 323 one row corn pickers
NI 3 pt. Hitch Fertz. Spreaders

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JD 3010
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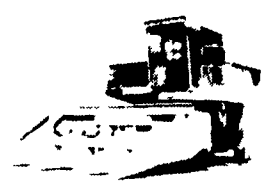

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MF 22 baler thrower
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MF 1144 corn head
MF 1163 corn head

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MF 750 combine w/63C corn head & 14' grain table
Ford 9600 tractor
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NH 320 Baler
Bobcat 700 Skid Steer Loader
MF 410 combine w/4 row corn head
MF 2675 diesel tractor
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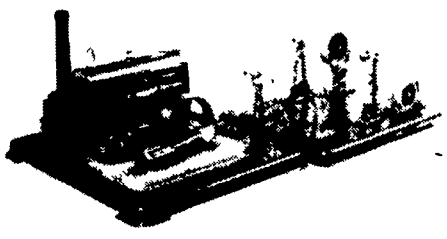

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1420 combine, demo
370 disc
720 auto. reset 5 btm.
2250 loader
#50 Shredder

WHITE TAG SPECIAL
1420 Combine with 810 head

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1256
706 Diesel
IH 424
Farmall 70 hydro
Farmall BN w/cultivators
2 Super C's
Super AV
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Ziggy bulk body, 16'
Mayrath auger 6"x27'
1500 Schwartz loader
Massey Drill 16x7
234 Cornpicker
Potato planters
JD 2 row potato digger
Ontario grain drill
Vicon disc mower conditioner
NH S69 baler
IH forage blower
Gehl 4500 Skid loader
NH 1010 bale wagon
IH 3120 backhoe
NH 512 spreader
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JD 4250 SG, PS, MFWD
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NH 782, 892, 892 w/metal Alert Fg. Harvester
JD 5440 SP Fg. Harvester, 4 WD, 1180 hrs.
JD 3940 & 3960 Fg. Harvester
JD 347 Baler
JD 327 Baler
JD 430 Baler
NH 311 & 316 Balers
NH 849 Round Baler
NH 488, 495 & 1495 Haybines
NH 256 Rake
JD 670 Rake
JD 660 Rake
H&S Fg. Wagon
H&S Bale Wagon
New Hay Tedders

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NEW TILLAGE
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NEW SPREADERS
NH 519, 679, 791
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H&S 260 & 295 Spreaders

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Most Model JD Loaders & Blades
Demco Sprayer 600 gal.
JD #27 Flail Shredder

USED TRACTORS
JD 2030
JD 2030 w/reverser
JD 4010
JD 3020
Farmall A w/Hyd. Lift
MF 265
MF 202
Satoh w/mower

USED CORNPLANTERS
JD 1240
JD 1260 w/monitor
JD 7000 6RN w/min. till attach.
White 5400 6RN Plateless
AC 4 Row No-Till

USED HAY & FORAGE EQUIPMENT
Hesston PT10 Mower-conditioner
NH 479 Haybine
JD 2 Row Narrow Corn Heads
NH 2 Row W 880 Head
NH 269 Baler w/Thrower
NH 78 Baler
JD 24T Baler
Hesston 1010 Swing Tongue
JD 640 Rake

USED MISCELLANEOUS
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JD 790 Flail Spreader
V1575 Martin Spreader
Post Hole Digger
22 ft. refrigeration box, for truck, the refrigeration unit is a Therma King with standby

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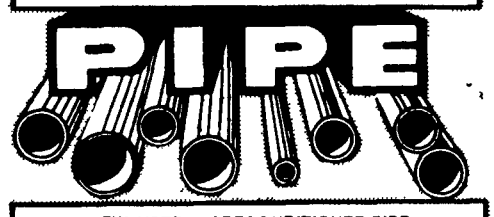

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JD 4040 QR w/Cab 1300 Hrs
JD 650 Repo w/Turf Tires
JD 820 3 cyl Diesel
MF 265 Diesel
MF 135 Gas w/Loader
IH Farmall M Tractor
IH Farmall Cub w/Rotary w/Sickle Bar
Oliver 66 Gas
AC 190xT Series III Diesel

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Small Houg Pay Loader
Mighty Mac Skid Loader
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JD FB A Grain Drill
JD 727 13' Rotary
JD 272 Rotary Mower
Ford Rotary Mower
Case 330 Baler
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Case 1390
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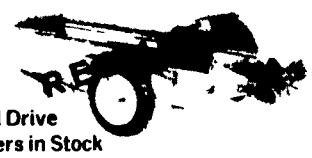
Case 1170 Cab-Heat 8 Spd. 20.8x38
Case 900 w/Pulley
Case 2090 Cab
Cub Lo Boy
Agri Power 9000
Ford 861
DB 885

NEW IDEA
325/314 Picker Sheller
323 Pickers
325/327 Pickers
702 G Power Unit
702 D Power Unit
710 Combine
743 N Head
767 Harvester
738 4RN Head
272 CutDitioners
763 Head



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JD 3800 Harvester
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JD 115 Forage Box
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Gehl 920

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JD 310 Disk

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NI #218 SPREADER
NH #362 FLAIL
SPREADER

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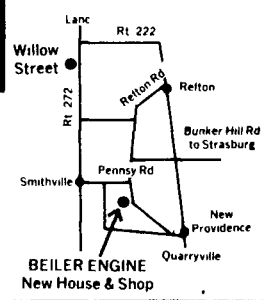

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IH 715 Diesel, hydro w/AC, with 844 Corn Head w/810 grain head

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USED TRACTORS

IH 674 diesel
IH 1066 tractor
IH 1086 tractor
Oliver OC3 crawler
IH 706 tractor
270 Leyland
384 Leyland

USED GRAIN DRILLS

2 Ontario
1 McConnel
1 Int. #10 w/dd. openers

USED MANURE SPREADER

NH 214 w/hyd. endgate

USED HAY & FORAGE

JD Flail Chopper
#56 Blower
Woods C80 Rotary Mower

NEW GEHL EQUIPMENT

Bu 960 forage box
FB 99 blower
G806 8 ton running gear
3610 Skid loader

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684 diesel row crop, 62 hp, equipped with Mount-O-Matic loader	~~$20,700~~	MAKE OFFER
584 diesel, utility, 52 hp	~~$14,650~~	MAKE OFFER
584 diesel, 4WD, 52 hp	~~$17,600~~	MAKE OFFER

SPECIAL PRICES ON ABOVE TRACTORS WILL BE IN EFFECT THROUGH 1-31-84

SPECIAL LOW PRICE NEW EQUIPMENT

Int. 560 manure spreader, 250 bu. capacity	$5150
Int. 720 5-18 reset plow, trash plates	$8800
Int. 4500 16' vibra shank field cultivator	$2800
Int. 56 blower	$2550
Int. 1300 3 pt. 7' sickle bar mower	$2200
Int. 881 forage harvester w/corn and grass heads	$18,000

LOCAL GROWN USED TRACTORS AND EQUIPMENT

Int. 3200 Skid Steer Loader, Excellent Condition, New Paint, Extra Counter Weight, Hydrostatic
$5000

Int. 886 Tractor, 90 HP, Cab, Air, Very Clean
$18,750

Athens #131 Extra Heavy Duty Disk Harrow, 13' Cut, w/Buster Bar and 4" Cylinder
$5650

LOCAL GROWN USED TRACTORS & EQUIPMENT

Waiver of finance available till 9/1/84 on some items.

IH 584 365 hrs	12,500
Massey 255 D w/ldr., used 1150 hrs	13,000
Farmall M51 model, new paint	1,750
IH 1066 w/cab, very clean	16,500
JD 2010 row crop, needs engine work	1,950
1066 Black stripe, cab exc cond	17,500
IH 674, low hours, gas	6,650
JD 430 wide front, power steering new paint	2,750
IH 37 baler w/thrower	1,450
IH 37 baler w/thrower	1,450
IH 47 baler w/thrower	1,850
IH 430 baler w/thrower guaranteed	2,750
IH 37 baler	1,200
Papec blower good condition	650
IH 56 blower new ring, excellent	1,800
AC blower	400
IH 830 harvester w/2 R corn head	6,500
IH #93 combine	2,500
500 gallon Walsh sprayer	1,200
JD #345 4-16 reset plow, exc	
IH 370 disc harrow 11'6"	2,250
NH 880 harvester w/2R corn head	3,700
IH 530 manure spreader	1,500
Used lawn & garden tractors	900 and up
D R Ellis 2 row transplanter	
Gleaner M 1974 model combine, diesel engine, cab, 13' platform with pickup reel & 4 row corn head, one owner	18,500
IH 400 four row planter, no-till	2,850
IH #56 four row double disc planter	1,850
IH 400 6 row planter, no-till	3,750
Athens model 131 13' HD disk harrow equipped with Buster Bar and 4" cylinder	5,650
JD #130F 4-14 3 pt. plow	850
IH 700 5-16 auto reset plow	2,950
IH 700 4-16 auto reset plow	2,250
IH #16 rake, one owner	1,350
IH #35 rake, 3 years old	1,875
IH 990 7' & 9' mower conditioner	
IH #530 3-14 3 pt. plow	650
IH 710 3-16 reset semi-mount plow	2,750
IH 540 4-14 semi-mount trip plow	750
Farmhand loader	475
Badger forage box	1,400

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IHC 806 Diesel, wide front, TA, 540-1000 PTO, fast hitch with 3pt hitch conversion, Coming in

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8 speed transmission, 8-front end weights, 2-front wheel weights, 4 rear wheel weights, 18.4-30 rear tires
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New Equipment Specials...

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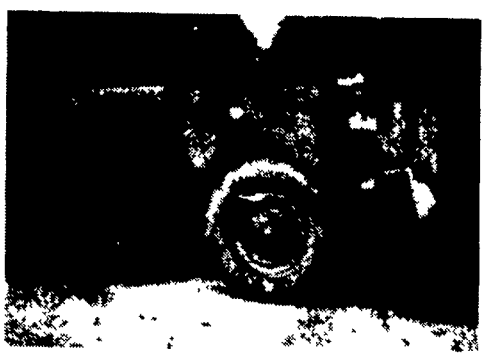

75A Michigan Loader
1½ Yard Bucket, Gas Engine, Good Condition
$3750 (Neg.)
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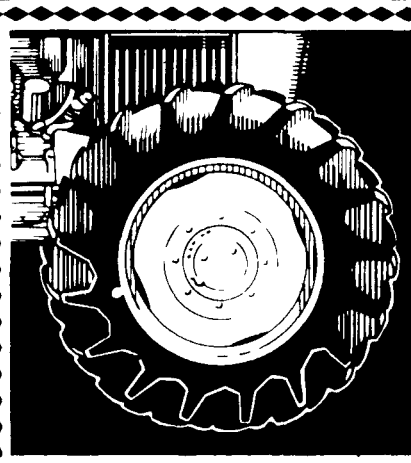

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Only one left in stock
$41,500
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40 SERIES LEFTOVER CLEARANCE SALE

Model 4440 powershift, sound guard body with air, duals available. This tractor must go. Waiver of finance till May 1984.

The Management of Oxford Greenline would like to announce a 10% discount on all parts and service for the weeks of January 23 and 30. All work scheduled during this time period will be entitled to the 10% discount. Terms. Cash and carry only.

JD Farming Frontier Day
January 26, 1984
10 AM to 2 PM and 7 PM to 9 PM
Refreshments will be served.
Door Prizes

IMPLEMENTS

Combines

JD 6600 Combine Diesel w/AC 6 row corn head
JD 6620 combine w/643 corn head and 200 series flex pl[SOLD] repossessed, exc. condition
JD 4400 combine w/443 corn head and 13' platform
AC L2 combine w/6 row corn head and 15' flex platform
1981 JD 7720 combine w/643 corn head & 215 flex platform, 4 WD, only 850 hrs.
JD 7700 w/643 corn head, 216 platform
JD 443 corn head
JD 95 combine, engine completely overhauled w/4 row wide corn head & 13' platform
JD 6600 combine with a 643 corn head and 215 ridgid platform

Tractors

JD 4020 diesel, wide front, power shift
JD 4630 tractor, cab, air, quad range trans.
JD 8640 tractor, repossessed, low hrs., cab, air
JD 4230 tractor, quad range trans. w/Sound Gard body
JD 4230 tractor, quad range w/rollguard
JD 2520 w/WFE, gas[SOLD]nsole
IH 1586 tractor with cab, air, heat, duals

Used Hay Equipment

479 NH haybine
PT 10 Hesston mower conditioner
1209 JD mower conditioner
24T JD baler w/model 30 ejector
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JD 410 round baler with new belts, excellent condition

Other Implements

7000 6 row JD planter, liquid or dry fert
1240 4 row JD planter, dry fert.
1440 4 row JD planter, dry fert.
JD 7000 planter, 16 row narrow forward fold with no-till coulters
Model 158 loader w/new 84" bucket

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USED TRACTORS

Waiver of Interest until March 1, 1984

- '64 JD 4020 Diesel, wide front
- '68 4020 diesel, wide front
- TO-30 Ferguson
- '71 JD 4320
- '73 IH 766 wide front, 3 pt. hitch
- IH Super M
- '71 IH 1456, No Cab
- '79 Steiger
- ST 210 Series 3, 4WD with dual 18.4x34 tires, 3 pt. hitch, 1336 hrs.

CORN PLANTERS

Waiver of Interest until April 1, 1984

- '82 AC Model 333, 15-20" Row, No-Till Bean Planter, Dry Fert., Insecticides
- JD 7000 8-30 Dry Fert. No Till Coulters Insecticides, Monitor
- IH 6-30 air planter
- JD 1250 plateless

USED PLOWS

- JD F145 - 5-16 Semi Plow
- JD F145 - 5-16 Semi Plow w/harrow attachmant

USED COMBINES

- Waiver of Interest till January 1, 1985
- '81 JD 6620 224 hrs. 24.5x32 tires Dail-a-matic height control, 216 Flex Cutter bar.
- '73 JD 7700, hydrostatic drive, turbo, 16' platform
- '74 JD 7700 - Rotary Screen, Mud Hog Drive, 16 Ft. Platform
- '75 JD 7700 - Rotary Screen, 16' Platform
- '73 JD 7700 hydrostatic drive
- '76 JD 7700 rotary screen, gear drive, 215 flex cutterbar
- '80 JD 7720 4 wheel drive, 220 flex cutterbar
- '78 IH 1480 axel flow w/four wheel drive

'81 JD 8820 4 wheel drive, factory duals, 1100 hrs., w/1243 corn head & 220 flex cutter bar, exc. shape

CORN HEADS

Good Selection of John Deere
443-444-643-843-1243 Cornheads

MISCELLANEOUS EQUIP.

- Bish head adapter to install JD corn head on NH TR70 combine
- JD 653 row crop bean head
- JD RG4 cultivator
- M&W 450 grain dryer, PTO dry
- JD 210 14' disc harrow
- JD 38 Harvester w/2 RW Head
- JD 38 Harvester, Electric Controls, w/2 RW Head, 5½' Pickup Attachment
- JD RG8 Cultivator, 8-30" Rows
- Tye drill 24 tine, double disc opener, 3 pt. hitch
- Caldwell grain cart, 700 bushel
- Graber 26" flex pull-type chisel plow
- IH 13' 2 bar chisel plow 3 pt.

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SILOS & UNLOADERS

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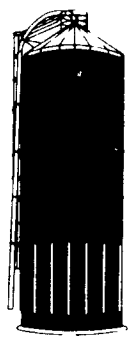

COUNTRY AG SERVICE

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Earl B. Zimmerman

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Newville, PA 17241
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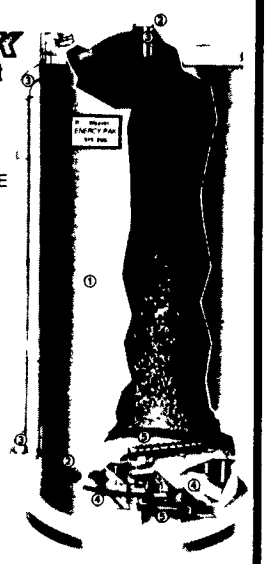
- Belt Feeders
- 16" Belt Conveyors
- Laidig Bottom Unloaders

SILOS & UNLOADERS

SILOS & UNLOADERS

KEYSTONE ENERGY-PAK Forage Management Systems



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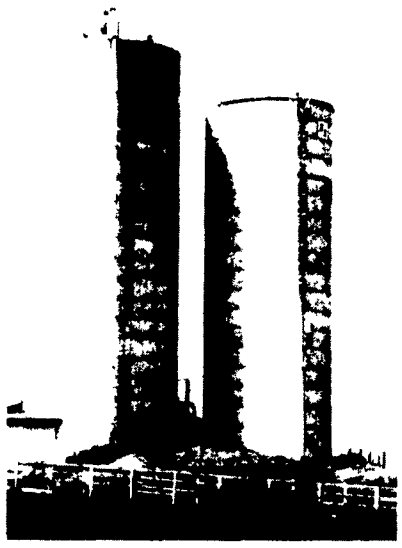

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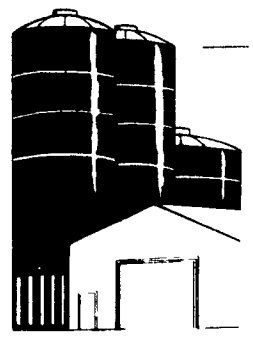

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Main Office & Service Center
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1 - Starline #70 - 20' Unloader - Complete	$2190.00
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CALL 717-299-3721 } DAVE PARTS | WAYNE SALES | LARRY OFFICE

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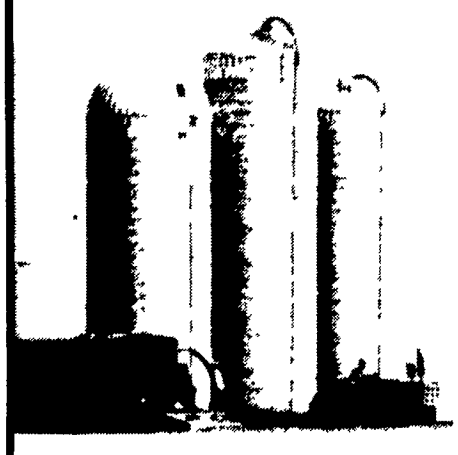

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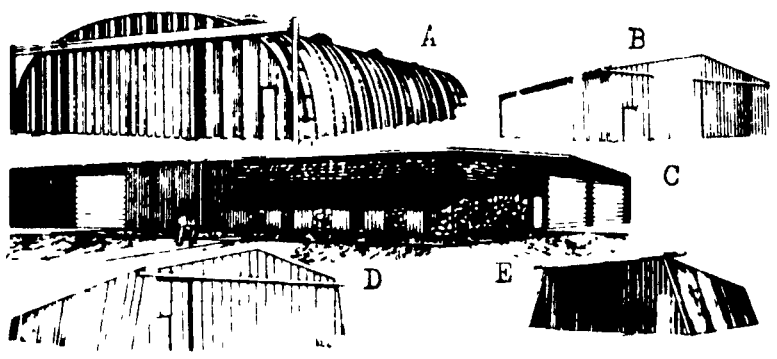

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Long incorporates the strength of corrugated steel with a protective coating of glass fused to steel to produce the lowest cost glass lined oxygen limiting storage system for high moisture grain Breather bags and choice of bottom unloader with tapered power driven sweep auger or standard 6 auger unloader with clean out sweep arm complete this system

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These smooth wall silos with glass fused to steel protective coating are designed for high moisture grain and medium moisture forages Breather bags and bottom unloader with power driven sweep auger for grain or chain unloader for forage and grain complete this system

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Stor Lix glass lined tanks help preserve the nutrient value of manure help protect the environment and afford better management of time labor and equipment

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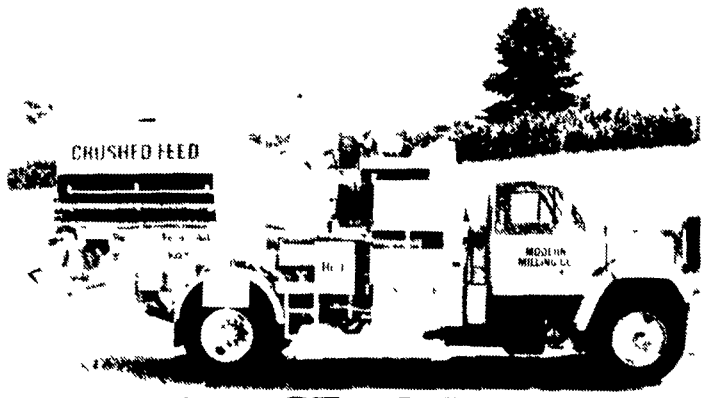
GRAIN EQUIPMENT

102 CRUSHER ROLL FEEDMOBILE



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Attachment for 102 Feedmobile or Batch-Maker. Designed for better ear corn conversion. Rolls grain and hammers cobs, trash, and remixes material.

Mobile or stationary. Powered by diesel, PTO, or electric.

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6. Electronic digital scales available under the mixer.
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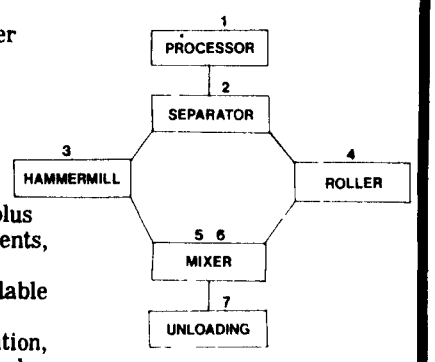

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22'x32' wood frame two story carriage house. Must be raised. 717-942-6458 or 215-948-4949 for details.

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For Sale - California pellet mill, Roughinger model, capacity 9 ton per hour, good condition, 717-865-6611.

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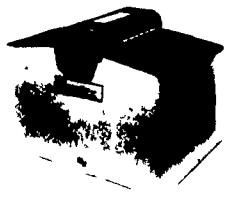

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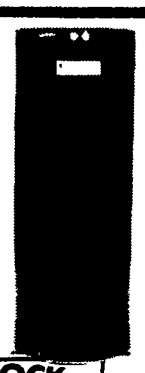

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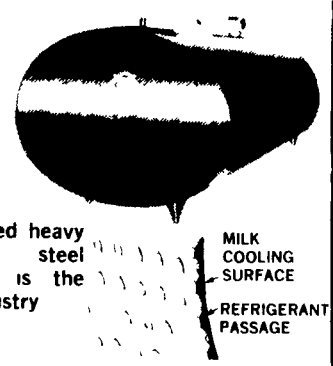

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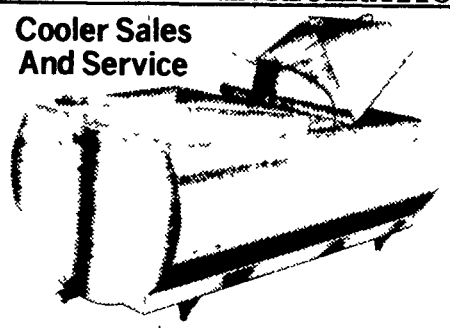

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(1) 600 Gal. Girton	(2) 1250 Gal. DeLaval
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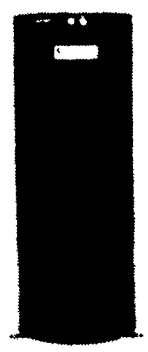

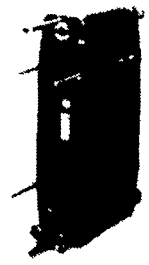

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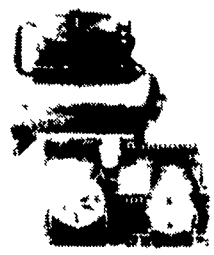

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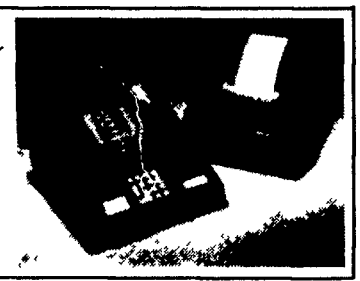

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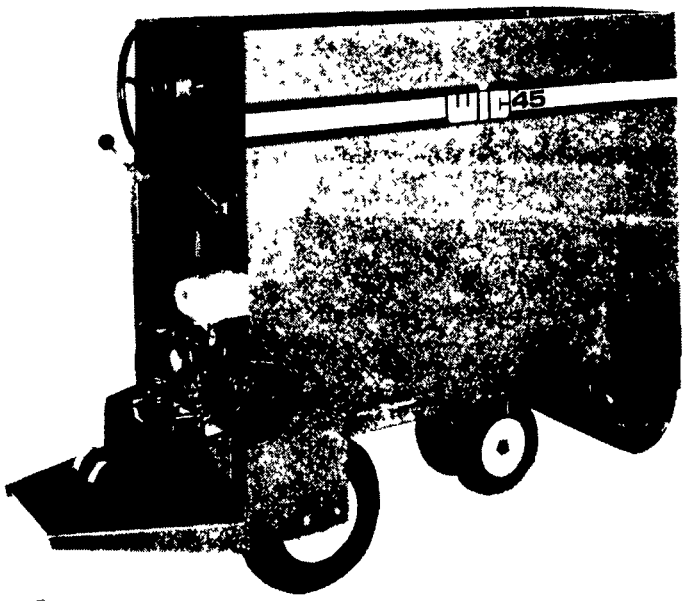

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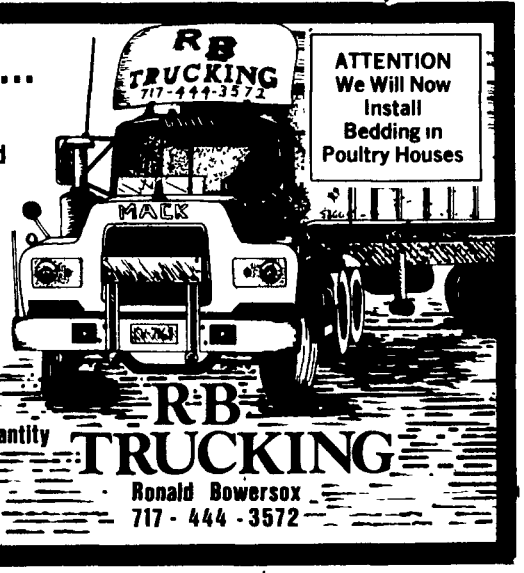

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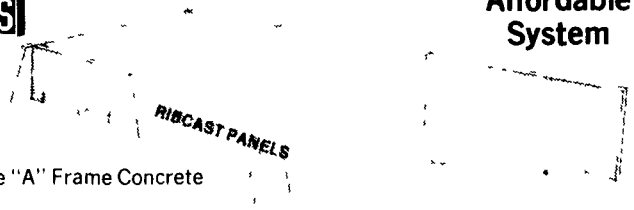

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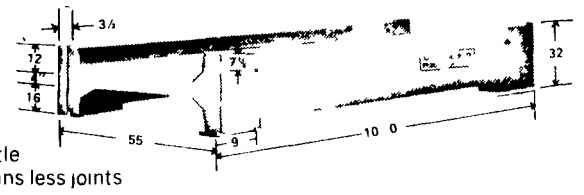

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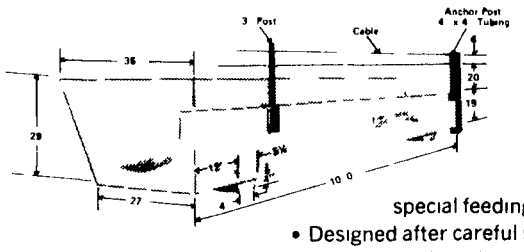

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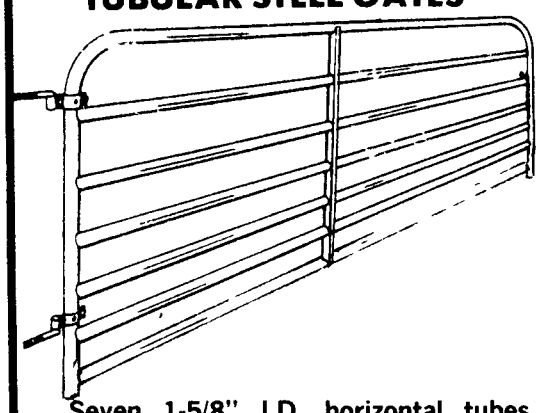

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Open 9 A.M. to 6 P.M. - 6 DAYS (Closed Thursday)

LUX STABLES, INC. — Jesse R. Austin, Distributor

10214 Lanham Severn Rd , Lanham, Maryland 20706

2 Miles Off Interstate I-95

CALL. (301) 464-2574

CATTLE

Wanted - 20 bred heifers. Call 315-696-8972.

Herd Reduction: young purebred Charolais cows, bred and open heifers. All good stock priced reasonable. Over 40 head to choose from. 717-458-6526 or 458-5880.

For Sale - 13 large choice springing Holstein heifers, must sell soon, 717-367-8221.

4 registered heifers and 1 grade due Feb. and March. Lebanon Co. 717-865-3117.

Family cow, fresh 12/83, Jersey Holstein cross, LouDoun Co., VA, 703-882-3974.

For Sale - Open grade Holstein Heifers. Avg. 800# + AI breeding, wormed, vaccinated. Price negotiable. Also 9H107, 196, & 599 semen. Well cared for. Evenings, 717-725-3698.

Small herd purebred Simmental breed cows, asking for each the best offer over $800, call 717-292-4584 after 10:00 AM.

For Sale - Real nice NYS baled mixed hay Good weight, Call 607-962-1403 early mornings.

For Sale - 20 month old Holstein bull, can be registered. Sire Knolltop Reckes Ace, Dam-Paclamar Astronaut $650 or best offer. Daniel S. Yoder, RD#2 Box 2068, Gap, Pa. 17527 along Rt. 30.

Wanted - Good herd of Holstein cattle. Prefer Registered and DHIA, but not necessary. Write Box J-300, c/o Lancaster Farming, Lititz, Pa. 17543.

For Sale - Outstanding herd of Holstein cows. Write Box J-298, c/o Lancaster Farming, Lititz, Pa. 17543.

Registered Holstein bulls, service age, dams with records up to 29,000m and 1000f, also registered Holstein cow, 717-354-7689.

Herd of 21 Holstein dairy cows, asking $675. per head. 1 Holstein stock bull, asking $500. Phone 215-383-0581.

Registered purebred angus cows. 1200 pound, 6 year olds, due to calve March and April. Bred to Magnum, the top performance bull at the 1981 West Virginia tested bull sale. 717-789-3747 after 7 PM.

LIVESTOCK EQUIPMENT & SUPPLIES

CATTLE

Simmental bull, purebred, 1½ years, from Signal daughter. 717-362-3275.

For Sale: Six Reg. Holstein calves, AI sires, 2-8 months old. Call week days only no weekends 215-926-1428.

Registered polled Hereford cows, 3-4 years, bred to excellent bulls for spring calving, $650-900. 215-756-6011.

Elevation son, breeding age, 5 generations of 87 pt. Dams, over 100,000 milk. 814-472-9660.

For Sale - (1) 6 yr. old, (1) 2 yr. old registered Brow Swiss bred to Angus for May calving, each $1200. 215-593-2649.

For Sale - 3 Charolais, 4 Charolais Angus cross, 5 Simmental cows, due to freshen starting April 1, days 717-939-7811, after 5 pm, 717-944-3455.

Fancy Holstein heifer by CARS Dairyman, dam sire ASC Valiant, complete health records, deliver to Lancaster Co , 215-486-6346.

Jersey cows by Silver Vermonter, heifer by Favoritesurville, heifer by Black Magic, cow by Celias Master due to Silver Jemini, registered Guernsey heifer by Top Command, 215-486-6346.

For Sale - Registered holstein heifer sired by Willow, dam projected at 800 fat, due Feb. 2, $750. Call 717-687-9006.

For Sale - 15 springing Holstein cows and heifers, 717-253-3049.

For Sale - 4 Angus feeder steers, 2 heifers 400-500 lbs., 717-665-4132.

WANTED Dairy herd for March '84. 30-40 Holsteins. Prefer mostly registered with DHIA records. Call 717-933-8678.

For Sale - 10 choice polled hereford bull calves. Sire weighs over 2000 lbs., 70 cents per lb. Contact Ken Foust, Gettysburg, Pa 717-334-5966.

For Sale - registered holstein cows and springing heifers. Classified and DHIA tested. 717-865-4650.

For Sale - Holstein heifers, fresh, 717-263-9091.

For Sale - 19 deep pedigreed purebred holstein heifers, 4 to 13 months of age. Ralph Forsht, Blair Co., 814-695-2640.

Holstein bulls for sale, Sire Bell, dam Elevation, classified 88, 5 year 3 month, 365d, 23,123m, 968f, 4.2 test, cow index 1100, 717-656-6348

For Sale - 18 fresh and springer cows and 1st calf heifers. Buy one or buy them all. Snyder Co Phone 717-658-3360.

For Sale - Herd of 30 young cows, DHIA test, Also bred heifers. Please call between 8 & 9 AM or PM, 301-578-1224.

For Sale - Herd of 30 young cows, DHIA test, Also bred heifers. Please call between 8 & 9 AM or PM, 301-578-1224

For Sale - Registered Jersey cows different stages of lactation. Phone 814-847-2634.

Buyers & Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717-626-1164.

LEASE QUALITY DAIRY CATTLE

Various plans available.

Call or Write:

Dairy Farm Leasing

1700 Dupont Ave. South

Minneapolis, Minn. 55403

612-377-1489

Western & Canadian dairy cows for sale. As a service, we will select and deliver. Many years experience. Terms available Also lease program available. I. Greenberg and Son, Box 249, Mt. Holly, NJ 08060. Telephone 609-267-1101

CATTLE

Wanted - Holstein heifers, breeding age. Call 717-768-3197 between 8 & 9 am.

Wanted - Have rented a farm and need a good young herd of Holstein dairy cows, between March 15 and April 1. I would prefer owner financing but not necessary. Call 301-472-2614.

Wanted - Heifers to feed, will supply feed. Call evenings between 5 and 7, 717-299-7139.

CATTLE

REG. HOLSTEIN SERVICE AGE BULLS
All are sired by the top A.I bulls of the breed. Many from high record dams, all bulls are home raised w/a large selection to choose from. Call John Barley, Star Rock Farms 717-872-4058.

Wanted - Herd of dairy cows or heifers, 301-358-0412.

4 Grade holstein feifers due Dec., 1 Simmental bull calf. 412-438-5023, Fayette Co.

CATTLE

Registered Holstein bulls, 1 year old and younger. Out of dams with records to records up to 28,000 milk and up to 1100 fat. Stump Acres 717-792-3216 York County.

"Wisconsin and Canadian Dairy Cows For Sale - 1st, 2nd, and 3rd calf. Fresh and close springers. Cash, or credit with down payment. Specialize in selecting cows for customers. Free delivery. Reuben Greenberg, Inc., Columbus, New Jersey 08022. Phone 609-298-1021."

HORSES & MULES

For Sale - 3 year old saddlebred carriage horse, broke and traffic safe, $750, 717-354-9370.

3 year old grade Percheron stud, gray, $750, reg. AQHA 6 year old gelding, $750. Both gentle, need work, 607-359-3538, Addison, NY.

3 real nice, gentle thoroughbred Fillies. Very reasonably mixed. Phone 607-962-1403 early mornings, evenings or 607-458-5414 daytime.

Young mules. Pair greys, full brothers, yearling stands 15.3, weighs 1000, weanling growing good, will match brother. Pair bays, full brother and sister, yearling stands 16, weighs 1100, weanling Molly, growing good, will match brother, $1000 per pair, $1800 for both. Black 2 year old Molly, 16.1, weighs 1250, well made, bound to get big, $1100. Grade grey Percheron mare bred to the jack, $500. Bay mare Belgian-Clyde cross, bred to the jack, $500. Mares mothers of Abone mules. Registered Mammoth jack 14.3, weights 1000, dark brown, 16 years old. Sire of the Above mules, $1500. Entire lot picked up at my farm, $5000. DeGennaro, R.D. 1, Box 37, Feura Bush, NY 12067, 518-768-2922.

For Sale - Reg. saddlebred carriage horses, sound and broke, choice of 2, 4 year old. Isaac S. Fisher, Gordonville, PA. 17529.

HORSES & MULES

Q.H. Zelding, 11 yrs. old 15.3 hds. Field hunter, willing jumper, very quiet. Can be ridden as whip horse or in field. $2000. 717-927-9239.

SWINE

HORSES & MULES

For Sale - Registered Quarter horses. Futurity winning yearling. Halter winning yearlings, beautiful 2 year old. And their sires at stud. Jen Air Acres Bernville, PA 215-488-6914.

SWINE

HORSES & MULES

For Sale - 2 pair Belgian horses. Call 717-656-8843.

9 year old Sorrel work horse mare lead horse, good worker, Daniel S. Dienner Jr., RD 1, Box 71A, Gap, PA 17527.

SWINE

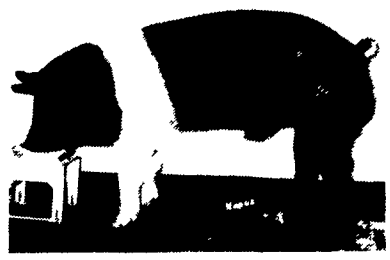
PERFORMANCE TESTED BOARS

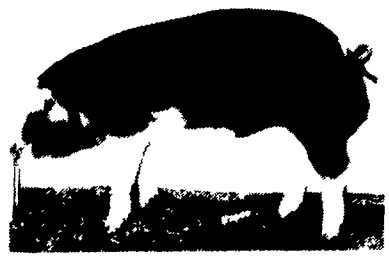
Tested By The Ohio Swine
Evaluation Station - Columbus, Ohio

LANDRACE TESTED BOARS

	ADG	BF	LOIN	FEED EFF
9-3	2.52	.70	5.30	2.35
9-4	2.35	.66	5.26	2.35

SIRED BY BURLY





SIRED BY MIGHTY MUFFIN

	DAILY GAIN	BF	LEA	FEED EFF
4-4	2.16	.69	5.83	265
4-7	2.06	.77	5.38	265

SIRED BY BLIZZARD

	DAILY GAIN	BF	LEA	FEED EFF
1-4	2.10	.70	5.56	260
1-1	2.16	.74	5.60	260

LAKE'S LANDRACE, HAMPSHIRE & SPOTS
Donald L. Lake
Star Route 2 - Box 122
Big Cove Tannery, PA 17212
Phone: 717-573-2823

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MARYLAND POLLED HEREFORD ASSOC.

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BLACK EYED SUSAN SALE
1st Saturday in April

At the Frederick Fairgrounds, Frederick Maryland

Become one of us, one of the most active and progressive Polled Hereford Association in the East.

Enjoy the pleasure, excitement, fun and social fulfillment of owning Polled Hereford Cattle.

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7E Parkview Apts Frederick MD 21701 301 662 3808

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Address _____

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The Worlds Top Polled Herefords Right Here In Your Own Backyard

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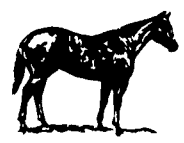
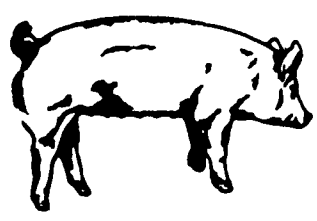
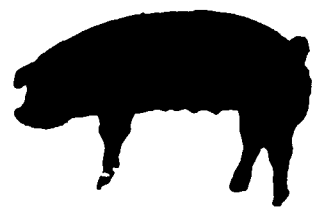


Breeder of Show Quality Quarter Horses At Stud - Bueno Call & Bar Steeley Bar Stop by & pick out your winner!
R.D 2, Box 179
Berks Co
Bernville, Pa. 19506
215-488-6914
or 488-7131

Arnold's 30th HOG SALE





70 BRED GILTS
Registered Yorkshire, Registered Duroc
Registered Landrace, Crossbred

These gilts have all been hand mated. Due to farrow Feb. 15 thru April 12
58 Gilts farrowed on our farms. 1982 farrowed 11.02 wean 10.12.

40 BOARS (Seven to eight months old)

Feed Efficiency & Test Station Information
25 YORKSHIRE — 15 DUROC — 1 LANDRACE
40 OPEN GILTS (Ready to breed)
YORKSHIRE, CROSSBRED, DUROC

Soundness and production are top priorities in our breeding program. Our Yorkshire herd is unsurpassed in production per sow for herds this size. Our animals have done well in test stations. Pennsylvania's 1st Superior Certified Duroc Meat Sire came from our herd. We also had the top indexing boar over all breeds, Pa. State 1979 ("Hustle") and the top boar in Delaware 1980 (Explorer).

All aminals vaccinated for Erysipelas & Lepto & Parvo.
Validated Brucellosis & Pseudorables Free herds.

Auctioneer-Harry Bachman, Annville, Pa.

SATURDAY
FEB. 11, 1984, 1:00 P.M.
SALE TO BE HELD AT THE
Lebanon Area Fairgrounds
(CORNWALL & EVERGREEN RDS., 1½ MILES SOUTH OF)
Lebanon, PA
CALL OR WRITE

YORKSHIRES — LANDRACE
Leon L. Arnold, R.D. 7, Box 705
Lebanon, PA 17042 — 717-273-5880

DUROCS
Lawrence Arnold
R.D. 1309, Womelsdorf, PA 19567
717-933-8153

CATALOGUES AVAILABLE FEBRUARY 1
NEXT SALE APRIL 29, 1984

ANGUS CATTLE FOR SALE
14 bred to calve in spring Plus 14 open heifers
Call
717-656-8843

FOR LEASE
Will lease to good farmers 1st calf heifers w/option to buy

Write: Sunrise Farms
Box 145
Codorus, PA 17311

ANGUS CATTLE FOR SALE
Established Quality breeding Stock Cows, Pairs, Heifers, Club Calves, Feeders, Proven Bulls.

1726 FARM
Lebanon, N.J. 08833
201-832-5324
201-832-7944

SIMMENTAL CATTLE
By Top A.I. Sires
Performance Tested and Registered
State Certified Herd
ACHILLES CATTLE CO.
SEMEN DISTRIBUTOR
Edward Pierce
R.D. 2
Neshanic Station, NJ
201-369-4039

Service age registered Holstein Bulls by Pete, Star, Astronaut, Glendale, Chief and others.
Dams classified Very Good with records over 29,000 lbs. milk and 1195 lbs. milk fat.
STUMPLAND FARM
215-488-1965

HORSES & MULES

American Saddlebred Stud Service, Bay, even hind white stockings, 16.1 hands, quality bloodlines at working man's price. 717-834-3674.

For Sale - 6 yr. old standard bred carriage horse, good broke. 717-656-6712.

1 LOAD GOOD BIG MULES
Out Of Tennessee
Our Prices Are Good
OMAR STOLTZFUS
Creek Hill Road, Lanc., Pa.
Call Paul Pickel for Transportation
717-299-3721
or 656-6254

ATTENTION FARMERS AND HORSE BREEDERS

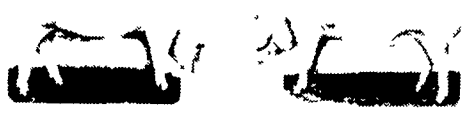
Going to the draft horse sale in Harrisburg, February 16, 1984. Registered pair, full sisters - 3 and 4 year old, bred and broke to all farm machinery; Registered pair - 3 and 4 year old, blond, bred and broke to all farm machinery; 3 registered outstanding yearling Phillies and some singles; 2 good 2 year old geldings, broke; 2 good young teams of grade mares, bred and broke. Most horses will have flu and Rhino shots. All of these horses are fresh off the farm. For more information contact the Big Valley Horse Breeders. 717-935-2858.

ATTENTION DAIRYMEN - ALWAYS AVAILABLE
Large selection of high producing registered and grade Holstein first calf heifers and cows
Terms Cash or short term credit Also, our very popular lease plan
All health precautions taken
If you need a new herd additions or replacements call or write

M. BARMANN & SONS, INC.
P O Box 437
New Hampton, N Y 10958
(914) 343 6875 Days - (914) 343 8381 Nights
ENTIRE DAIRIES BOUGHT & SOLD
Please Inquire About Our New Dairy Listing Service

SWINE

TOP QUALITY FEEDER PIGS FOR SALE
REFERENCES FURNISHED
Call Collect
Fred Patterson
MIDDLE TENNESSEE LIVESTOCK CO.
615-364-7050



BOARS
½ Yorkshire
½ Landrace

GILTS
½ York ¼ Duroc
¼ Landrace

Tested Pseudorabies Free
Healthy Productive
Breeding Stock
IVAN M. SENSENIG
215-445-4649

For Sale - Crossbred Landrace Yorkshire gilts, crossbred litters maintain a 9 plus weaning average, over 500 litters annually. Boars- purebred Duroc and Landrace and Hampshire-Duoc. Foundation stock is bred artifically from top bloodlines in the country. Dutch Valley Farm, RD5, Manheim, PA 17545. Call Mark Nestleroth, 717-665-6220.

Landrace and Yorkshire bred sows $250 and up, Arnold Yorkshire boar - $400, sows are out of Harper Valley, also small Landrace boars and gilts, excellent breeding stock, must sell because of other business, 717-872-8756.

For Sale - Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines, Willow Glen Farm, R1 Box 221 Strasburg, PA, 17579. 717-786-2562.

Yorkshire Service Boars, Brucellosis and Pseudorabies free herd. Will deliver. Red Run Farm, RD#2, East Berlin, Pa. 17316, 717-292-4634.

For Sale - 8 large Yorkshire and Hampshire bred gilts due to farrow very soon. Also 55 gilts bred to farrow after March 1st. Also service age boars. These hogs are bred like our recent Farm Show Winners. John Strawbridge. 301-996-2022.

DUROC BOARS and gilts, production tested, certified meat type show winning stock. Bloodlines of the best in the U.S. Par-Kay Farm, Park F. Thomas, Beavertown, Pa. Phone 717-658-6544.

For Sale - Duroc boars & gilts. Sweigard Durocs, R.D. 3, Box 639, Halifax, Pa 717-896-3365.

If you have swine to sell or buy - check our swine column. It is read weekly by thousands. 717-394-3047 or 717-626-1164.

YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times. Production tested, certified meat tested, Show winners with many carcass champions. Daily drive-in and drive-out service. Reno H. Thomas, Beavertown, PA 17813. 717-658-5821.

For Sale - Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921

SHEEP & GOATS

Registered Hampshire, Southdown, Suffolk Ewes and Rams. 717-244-1244.

SWINE

30 bred gilts due January, February and March and service age boars, Miller's Yorkshire Farm, RD 1, Box 1366, Spring Grove, PA 17362, 717-225-1926.

For Sale - Chester White and Spotted service aged boars and open gilts, also a few bred gilts, James Parlett, Airville, PA 17302, 717-862-3610.

Registered Hampshire, Landrace, Yorkshire Boars. Bred and Open Gilts. Preston Bankert 717-244-1244.

Duroc, Yorkshire, Spotted Boars, Open Gilts and Bred Gilts. Calvin Lazarus and Sons, 4290 Bridge Street, Whitehall, PA 18052, 215-799-3375 or 3831.

HOG EQUIPMENT & SUPPLIES

SPECIALIZING IN UP-TO-DATE DESIGN & QUALITY CONSTRUCTION OF HOG CONFINEMENT SYSTEMS.
We also manufacture Confinement Equipment and handle a full line of products for today's swine industry, including automated ventilation, feed handling and manure handling systems.

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LEBANON PA.
SWINE SYSTEMS

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SWINE & POULTRY SYSTEMS SPECIALISTS
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WE SPECIALIZE IN THE LATEST AND MOST MODERN DESIGN IN BUILDINGS AND EQUIPMENT FOR HOG CONFINEMENT
★ GESTATION ★ FARROWING
★ NURSERY ★ GROWER ★ FINISHER
★ COMPLETE AUTOMATION FOR WATERING, FEEDING, VENTILATION

POULTRY & SUPPLIES

BABY CHICKS - Hubbard Leghorns, Golden Comets, Cornish Giants, Barred Rock, Reds and other breeds. Also turkeys, ducks, geese, guineas, and game birds. CASE HATCHERY, 79L Brodbecks, Pa. 17329, 717-235-2050

Farmer Automatic 4 deck cage systems, for pullets & layers. No pits needed in building. Reynolds & Yellott, 12800 Gores Mill Rd., Reisterstown, MD 21136. 301-833-1840

4 Big Dutchman two line automatic poultry feeders with 300 ft. trough, each in excellent condition Call 717-392-1949

SWINE

DUROC & SPOTTED BOARS
Duroc, Spot, Crossbred Gilts
BOURBON SPRINGS FARM
R2 Newville Pa 17241
Kenneth Ketterer
Phone 717 423 6250

ARTIFICIAL BREEDING

Semen for Sale - 30 units Bell at $20, 20 units Tony at $35, and 10 units of Marc at $22. Will deliver. Call 215-869-3502

HOG EQUIPMENT & SUPPLIES

20 Snidely farrowing crates in good shape with waters, $80.00 each; 1 just like new Paul Hog scales weighs up to 500 lbs. on rubber tires, $450.00. Contact Eli S. Byler, 13646 South Rd., Newburg, PA 17240

POULTRY & SUPPLIES

For Sale - Big Dutchman auto feeders, chicken cages, egg packer, grader & candler, turn table egg loader. 717-285-5050.

ATTENTION POULTRYMEN! Bio-Lab Kontrol X-185 as received official approval for use in USDA disinfection and Avian Influenza quarantine programs. For information and prices for X-185 call MELHORN'S SERVICE CO. 717-653-1102.

All stainless gas heated Kuhl Super-50 washer, oiler, candler, with 35 case L-H stall kat grader, hand pack table, belt conveyor, closer, round table, vacuum lifter Smooth combination, excellent condition. Can be seen working. 2x5 Oak skids, skid jack, other equipment. Reasonable. Owner retiring. Kaufman's Poultry Farm, New Egypt, NJ 609-758-7300.

Wanted - 36" or larger exhaust fans with louvers. Call 609-769-2827.

Shenandoah gas incinerator, double burner, like new, $450 717-582-2352.

For Sale- 320 individual chicken cages $2.25 each, like new. 717-924-3606.

Incubators - Buckeye Clippers model 5-42 & 2-42 Best offer. 215-469-6331

Wanted to buy - 200 cases of eggs per week. Will pick up. 717-865-3488.

Trucking of small poultry flocks with roller cages or coops. Complete or partial handling. Call for estimates. 717-626-0058.

Standard and fancy bred chicks plus ducks, geese, turkeys, and game birds for sale

Write for free brochure
HELMLINGERS CHICKS
R D 1 Box 741 Hill Rd
Allentown, NJ 08501
609-758-3892

FEED & SEED

Wanted - Ear corn, good quality only. Will pickup at your farm. Ken Miko, RD 3, Schuylkill Haven, Pa.717-739-4586

For Sale - Oyster shells, Contact Nelson Weaver & Son, Inc., Lititz, PA 717-626-8538

POULTRY & SUPPLIES

Kuhl egg washer and dryer, Ego-12-15 G plus Ego-Matic Sr-2 egg handler and grader, 8 ton Brock bulk with flex auger, 215-799-3378.

WANTED HEAVY HENS
We buy, sell and haul all kinds of poultry.
Yank's
215-494-4578

Sell direct to us for cash.
* Fowl
* Pigeons
* Bantams
* Pullets
* Capons
* Rabbits
* Guineas
* Chuckers
* Turkeys
* Lambs
* Goats

JACK MINTZ POULTRY
215-267-4784

ATTENTION POULTRYMEN!
We clean
CHICKEN HOUSES
Don Heidig's High Pressure Wash & Water Blasting
Leola, PA
717-656-2886

LEGHORN PULLETS WANTED
20,000 December or January Hatch
Heidel Hollow Farm
215-767-2409

FEED & SEED

For Sale - 20 ton of corn silage. 3 ton of corn fodder. 717-786-3566.

Soybeans 2000 bu. plus, Best offer. 1st cutting Timothy & Alfalfa and Ear Corn, $125.00 per ton at the scale, large quantities, price negotiable. Also 1972 G.M.C. V6 school bus, 56,000 miles. Phone after 6 PM 201-735-4408 or 735-8389.

For Sale- large round bales of soybean stalks, will load, Fair Hill Farms, 301-778-2372.

For Sale corn silage can be delivered daily Wheat & Barley straw 215-255-5211

Wanted to buy - Large round bales, Timothy or Mixed hay. Stored inside. Wilmington or Chester area. 609-769-4086.

Clover seed for sale PA grown, State tested, 99.68% purity, $1.14/lb., 50 lb., $57.00. 60 lb., $67.00. R.D. 1, Box 184, Mertztown, PA 19539, 215-682-6429.

For Sale - Real nice NYS baled mixed hay, good weight, Call 607-962-1403 early mornings.

For Sale - 2,000 bu. of shelled corn, stored at Cargill's in Lancaster, best offer, 412-865-2547 or 412-865-2525.

For Sale - hay-good for cattle and horses, bales 60 lb. a piece, 215-355-7399.

Top quality hay, early cut, no rain, Tim Bro. Alfalfa Tim Bro and Strait Alfalfa, 1st, 2nd and 3rd cuttings and ear corn 201-995-4275.

For Sale - Nice clean heavy oats $3.00 per bu. Also good corn silage. Can deliver call 215-488-6315, Berks Co.

For Sale - 200 ton good Timothy hay, located Potter Co., 814-435-2314.

Will buy moldy grain, 301-833-1847.

Corn silage for sale, 717-872-4058.

Eldred Farm Supply dealer in Hay and Straw. NY State Hay and Straw. Honesdale, PA 717-253-1889.

FEED & SEED

For Sale - Round bales very good to excellent quality Timothy Orchard Grass Clover, $40 per bale picked up, delivery available. Also haylage for sale, 717-624-7585 or 717-624-2429.

For Sale - nice straw - we will deliver. Wanted - poor quality Timothy or grass hay paying $65. Harrisburg area, $55 Williamsport area for full loads, approx. 800 bales, Berks Co., 717-933-8943.

Corn fodder, 60' round bales. 717-548-2561.

For Sale - 70 to 90 ton of good quality Alfalfa Haylage. Berks 215-756-6479.

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HELP WANTED

Need 2 young men with agricultural background for Nursery Work. Should be capable of operating equipment-must have drivers license. Call 215-582-2197.

Position available on modern registered Holstein Dairy in Sullivan County, Pa. Experienced in all phases of dairying desired. Salary, housing and extras. Write Box 366 L-11 c/o Lancaster Farming, Lititz, Pa. 17543.

Experienced christian worker needed on 100 cow dairy farm. Berks Co. House Available. 717-933-5771.

Retired couple to oversee small horse farm near Harrisburg. Farm experience helpful. Duties include feeding 7 days per week. House provided. Write Box 366 R-83 c/o Lancaster Farming, Lititz, Pa. 17543.

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Wanted - Service person with experience in repairing and maintaining equipment-must understand electric and hydraulic systems and be able to do welding. Call 717-866-5708.

Help Wanted - Person to work on hog farm - 180 sow confinement unit. Must have experience with hogs and farm equipment. References required. 717-367-2906.

Person to do relief milking and part time farm work, for low rent on house, 717-548-3504.

Herdsman wanted for small registered dairy herd. Must be able to breed AI and do simple vet. work. Salary and benefits negotiable. Reply to Lancaster Farming, Box 366, L-09, Lititz, PA 17543.

Hog farm manager, PA meat packer w/farrow to finish operation. Needs manager for 500 sow operation 4-5 yrs. experience preferred. Located in rural southern NY state. Housing available on premises. Send resume c/o Bruce Musselman, P.O. Box 70, Hatfield, PA 19440.

Wanted - A christian couple willing to take responsibility of managing an 80 cow herd. Salary includes percentage of milk check, house and other benefits. Opportunity here to work into a small herd of your own. Chester Co. 215-932-8999.

Married person must be qualified to be a milking herdsman or qualified to do general farm work, benefits, house, heat, light, beef, milk and eggs, hospitalization, dental care and vacation. 814-237-7763.

Do you have a flair for color and fashion? Schooling available. Phone 717-597-4861 or 597-4500.

HELP WANTED

WANTED - Married man for dairy farm. Experience needed. House and privileges available. Location northern Delaware. (302) 834-6922.

Someone to milk 50 cows and help with field work. Mobile home and utilities. Northern Balto. Co. MD. 301-357-8375.

Young person to live in and help on dairy farm. Prefer Christian background. NO. York County, phone 717-432-2762.

Person for general farming, field crops, maintenance and take care of dairy replacement heifers. House available. Write Lancaster Farming, Box 366, D-112, Lititz, PA 17543.

Wanted - Responsible married person with experience in milking. Like to milk AI preferred. No field work. Salary open. Call between 6-9 PM, 704-459-7632.

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Christian man with dairying experience for large modern dairy farm, references required, Lancaster Co., write to Lancaster Farming, PO Box 366, Lititz, PA 17543.

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Dairyman wanted - person should have experience milking, detecting heat and health problems and handling good cows. Good salary, health insurance, regular time off, vacation and pension, Fairmont Farms, 301-374-2273.

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Farm hand work wanted, preferrably Central PA, 15 years experience, good references, 717-543-6263.

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Second year DVC Animal Husbandry mayor needs summer experience plus college fees. Write Tana Hawes, Box 254, Delaware Valley College, Doylestown, Pa. 18901.

Christian man with dairying experience for large modern dairy farm, references required, Lancaster Co., write to Lancaster Farming, PO Box 366, D-113, Lititz, PA 17543.

Herdsman to care for 50 milk cows and heifers. Excellent salary and benefits offered. Send resume and request for application (no phone calls)

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1957 Plymouth Belvedere, 2 door, Cp., V-8, mechanical good, ready for paint, real classic. 717-286-8650 after 5 PM. Northumberland Co.

PETS

Wanted: Puppies, all breeds. Jack's Dog Farm, Rt. 611 Pipersville, PA 18947. 215-766-8802

Wanted - puppies for pets. AKC, purebred and mixed litters. Will pick up locally. 717-442-4259.

For Sale - Registered Australian cattle dog pup. Pick of litter. Male - 5 months old, shots, wormed, started on dairy cattle. Kathy Lawson, Rt. 3, Box 122A, Smithsburg, MD 21783. 301-824-3152. Will deliver up to 100 miles.

Registered Redbone coon hound pups. Born Oct. 23. $85.00 717-753-3503 Sonya Vanorder, RD#4 Box 219 Jersey Shore, Pa. 17740.

For Sale - Cairn Terrier's (registered pups), 5 weeks old, $200 female, male pups $175, Barry L. Ream, RD 1 Narvon, PA 17555, 215-445-6032.

For Sale - Australian cattle dogs (Blue Heelers) Purebred puppies, shots, wormed. Starlight Farms, Salem, N.J. 08079. 609-935-2893.

AKC Shelty pups. 717-768-8569, Mon.-Fri. Jonathan King, 114 Pond Rd., Ronks, 17572.

For Sale- AKC German Shepherd pups, Sam Stoltzfus, ½ mile east of Intercourse.

For Sale - Border collie puppies, 7 weeks old. Great farm pets, excellent w/children. 717-432-9442.

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Sears - Kenmore electric sewing machine, top of the line including all attachments, in like new condition, mounted in Deluxe desk cab, $350; 8x10' handmade braided rug, all wool, $200; several smaller braided rugs, new $75 to $100 each, 717-626-6805.

Frigidaire electric range 40" white $45.00; GE electric range 30" white $45.00; Lancaster Co. 717-627-2308.

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For Sale - Border collie puppies, 7 weeks old. Great farm pets, excellent w/children. 717-432-9442.

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Border Collie mixed pups, very nice, reasonably priced, 717-627-6473.

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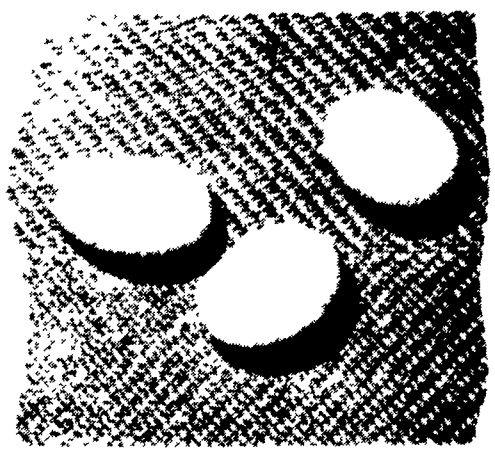

3¾" Egg Belt
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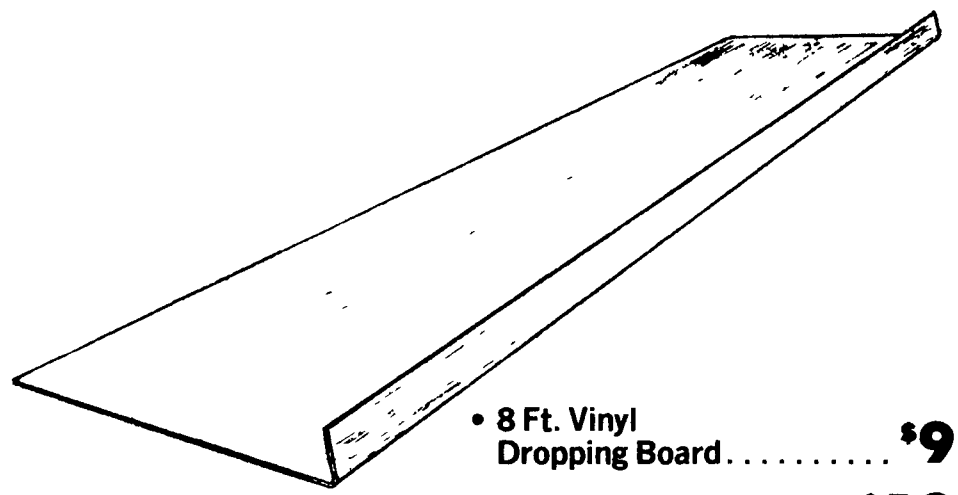

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LOOK AT THESE RESULTS ON STRESSFIGHTER 5 & CORN SILAGE

Number of Head	127
Sex	Steers
Number Treated	5
Death Loss	0
Days on Feed	27
Initial Weight	680.2 lbs.
Final Weight	751 lbs.
Total Gain	70.8 lbs.
Average Daily Gain	2.62 lbs.
Feed Consumption - As Fed	30.18 lbs.
Feed Conversion - As Fed	11.52 to 1
Feed Cost/lb. of Gain	25.8¢

Feed Information
Cattle were given hay initially then switched to Stressfighter 5 at 5 lbs./head/day plus corn silage.

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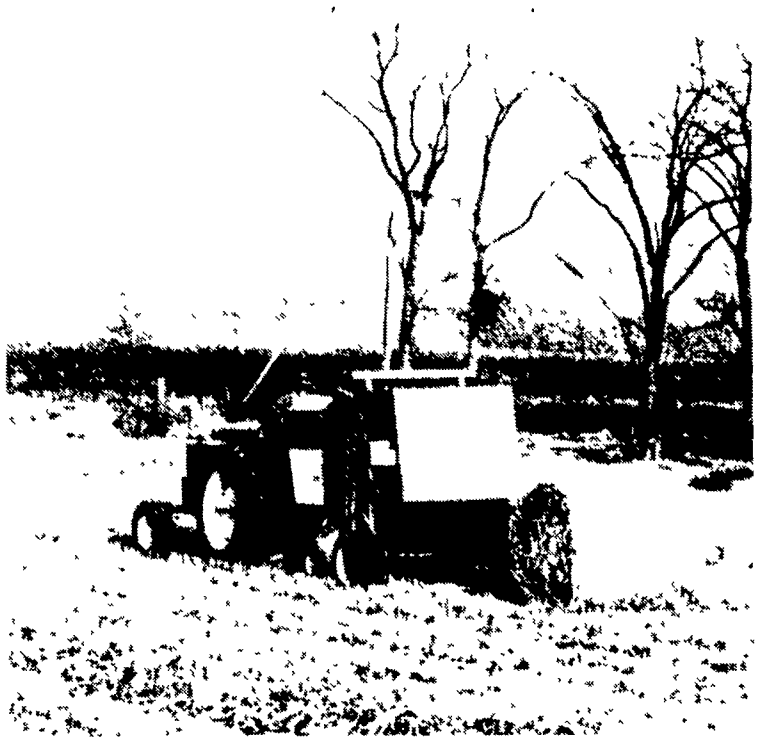
Cornstalks sub for expensive hay

NEW HOLLAND — The drought of 1983 and low cattle prices have given cattlemen a double punch. The high hay prices resulting from the drought are a special handicap in view of the low beef prices, says Dick Salisbury of Sperry New Holland.

But cattlemen can substitute corn stalks and other lower quality forage for some of the hay their herds would orginarily eat. There are a number of ways to work the trick.

Salsibury, who is product manager for round balers at New Holland points out, treating baled stalks with anhydrous ammonia in the stack, under a plastic seal, boosts protein and aids digestibility. Vitamin and mineral needs must be met, too, but the processed stalks can then provide most of the winter nutrition for a beef cow herd.



This roll-floor chain-type round baler moved into the cornstalks without any adjustments from hay. The stalks were cut with a disc type mower and were relatively coarse. Fine chopped stalks may be a problem if the materials is excessively dry.

Grinding lower quality roughage also improves its usefulness. Grinding doesn't really improve the quality much but it does increase the amount the cow can process through her digestive system. This help her get by on poorer quality roughage. Grinding has the further advantage of easy blending with small amounts of high quality hay for optimum utilization.

The first step in feeding stalks is to get them into the bale after combining. Baling cornstalks isn't quite as easy as baling hay. But it's not a problem if stalks are prepared carefully.

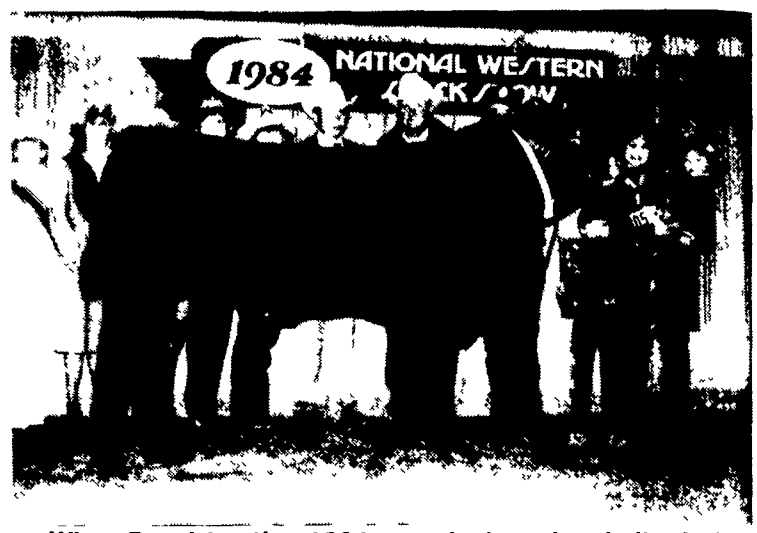
For optimum performance in corn stover, the material should be as long as possible, and not overconditioned. For good bale core formation, the material should have a tendency to cling or have sufficient length to help hold itself together.

Many farmers will want to use a flail cutter or chopper to mow the stalks for baling. A disc mower can be used. If this practice is followed, it is very important the operator rakes two or three windrows together.

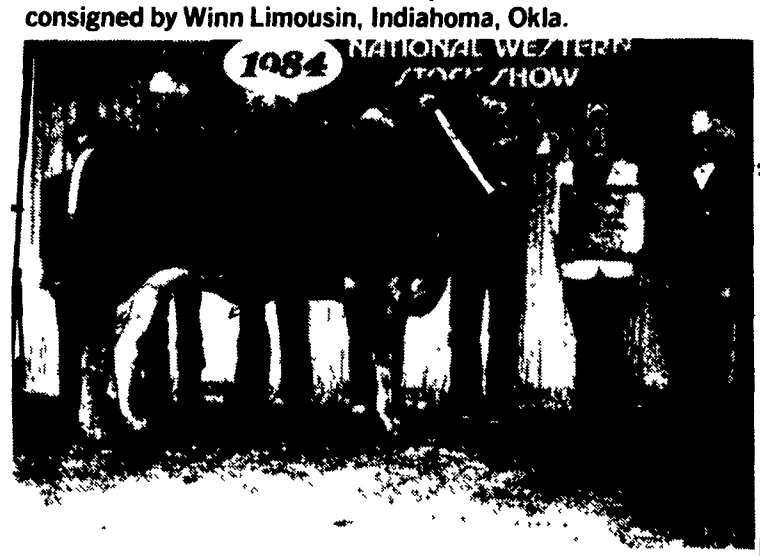
During core formation, reduce the PTO speed to approximately 300 RPM, maintaining the same ground speed or slightly higher if tractor and ground conditions permit. Once the core formation is completed, the RPM can be increased back up to 540 RPM. This will normally allow complete bale formation to be made with very respectable bale density.

The stalks should be dry enough to store well without mold. Then, they can be a cost-saving asset in maintaining a cow herd that's hard to justify if the alternative is to buy expensive hay.

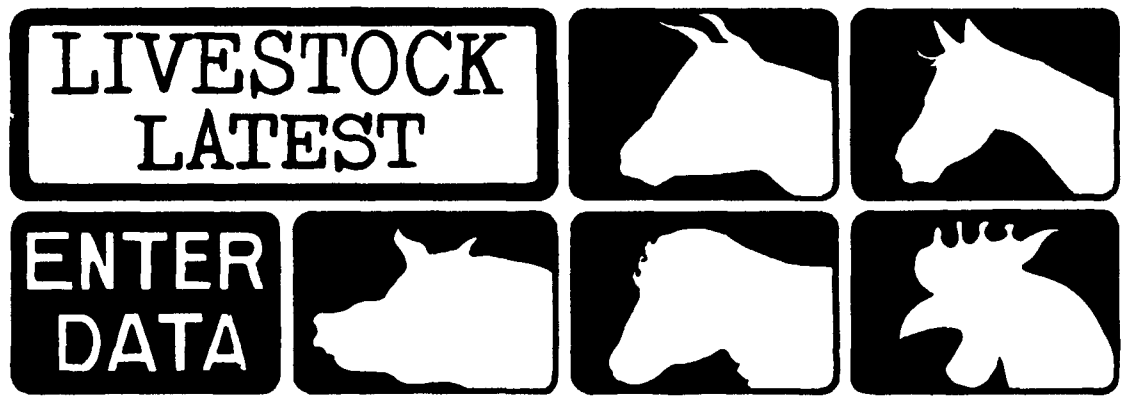
Limousin champions named



Winn Pennicle, the 1984 grand champion bull of the National Limousin Show and Sale, sold for $20,500 to Wulf and Sons, Morris, Minn. The Sept. 2, 1982 747 son was consigned by Winn Limousin, Indiahoma, Okla.



Ox and W. Limousin, Huran, S.D., consigned the grand champion female of the 1984 Limousin sale show at the National Western Stock Show in Denver, Jan. 12 OXNW Belle 773P, a Feb. 19, 1982 Canadian Pacific daughter, was purchased by Glenmore Farms, Keswick, Va., for $27,000. The overall average for the sale was $11,250, a new breed record.



Mushroom industry wastes useful as Livestock feed

UINVERSITY PARK — Two mushroom industry wastes, spent mushroom compost and mushroom stumps, have been found effective as feed for beef cattle and sheep.

Spent mushroom compost should be valuable primarily in maintaining mature animals with lower nutrient demands than younger, growing animals, stated Lowell L. Wilson, animal scientist with the College of Agriculture at The Pennsylvania State University.

"Diets containing mushroom stumps and possibly a minimum amount of mushroom compost, less than 15 percent, should do well for young animals with high nutritional needs," Wilson added.

In Penn State experiments, the most efficient way to use mushroom wastes was to ensile them in combination with conventional feeds. Silages of acceptable quality were made from mushroom wastes and chopped hay. Corn grain was added to provide increased carbohydrates for good silage fermentation.

Weight gains of sheep fed mushrooms in silage were lower than weight gains of sheep receiving a standard hay-grain diet. However, mushroom wastes used at one-fourth to one-third of the diet were found adequate.

Experiments using mushroom wastes as feed supplements are the latest among several studies of waste recycling at Penn State. Other research has tested feeding of poultry litter, forestry byproducts, apple and tomato wastes, cocoa hulls, and sweet corn and pea wastes. Such byproduct feeds reduce costs for cattlemen while solving some waste disposal problems, Wilson said.

Spent compost was 46 percent dry matter and stumps were 14 percent dry matter, as received from mushroom growers. Crude fiber of compost, 47 percent, was similar to poor quality hay or straw. Crude fiber content of the mushroom stumps, averaging 21 percent, was similar to high quality hays and sialges.

Wilson and associates found that silages containing spent mushroom compost must also contain about 25 percent corn grain to ensile properly. If mushroom stumps replace at least one-half of the mushroom compost in the silage, then the amount of corn grain can be reduced.

The amount of digestible energy consumed was greatest on the standard hay-grain diet. For example, lambs on mushroom waste rations in three trials had average energy intakes of 80, 73, and 85 percent of the energy consumed by lambs on standard diets.

"Lower daily gains of lambs fed silages containing mushroom wastes was due largely to the lesser amounts of digestible energy consumed," Dr. Wilson affirmed.

Megacalories of digestible energy consumer per pound of gain, a measure of feed efficiency, were also greatest for the standard hay-grain diet.

Cooperating on the study were Dr. Harold W. Harpster and Mildred L. Turner, both with the Department of Dairy and Animal Science at Penn State.

Ash contest, averaging 56 percent of compost and 30 percent for mushroom stumps, was extremely high compared to standard feeds. This resulted in a relatively low level of digestible energy in the wastes.

Wilson said the calcium-to-phosphorus ratio was also extremely high for both waste materials. Additional phosphorus should be fed with these wastes, he suggested, to produce a ratio closer to the desired levels of two parts calcium to one part phosphrous.

Crude protein averaged 11 percent for compost and 20 percent for the mushroom stumps. This should meet the needs of most types and ages of beef cattle, it was pointed out.

However, acid detergent fiber-bound protein — generally unavailable even for rumiant animals — averaged four percent for compost and four percent for stumps. This resulted in available protein levels of seven percent for compost and 16 percent for mushroom stumps.

Blue ribbon Hereford Show March 31

ITHACA, N.Y. — Polled Hereford and Hereford breeders throughout the Northeast are invited to nominate consignments to the Blue Ribbon Show and Sale March 31 at the Livestock Pavilion on the Cornell University campus.

Nominations for the Show and Sale which are jointly sponsored by the New York Hereford Association and the New York Polled Hereford Association are due Jan. 26, according to chairman Donald Dean of Naples.

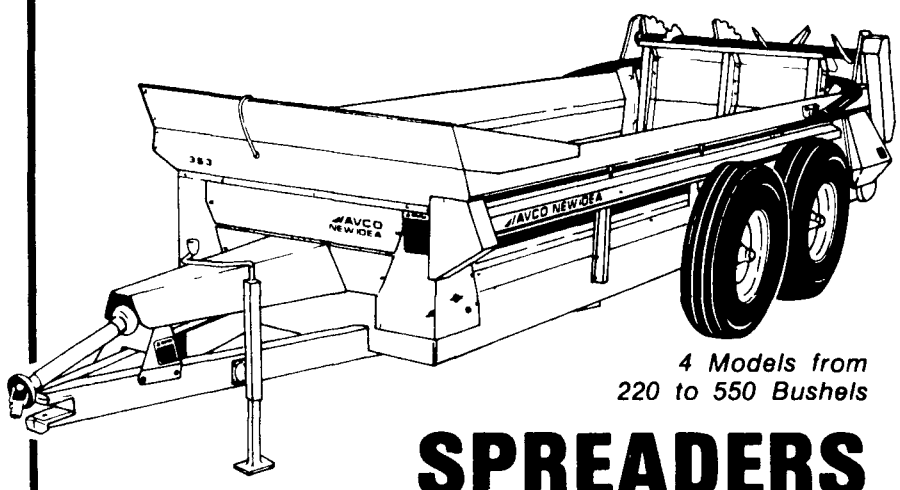
Dean said he anticipates at least five select bulls — all top-notch herd sire prospects will be offered in the March 31 sale. He also expects to catalog 45 females including open and bred heifers, open and bred cows and cows with calves at side.

Dean said the Blue Ribbon Show at 10 a.m. and the Sale which will begin at 12:30 p.m. will feature the top bloodlines and quality performance that will meet the event's goal of "herd improvement."

Dean said all of the cattle nominated will be screened on the farm by his sale committee. Working with Dean on the committee are Robert Generaux of Canandaigua, Ted Kriese of Cato, and Jim Conway of Little Falls - all of New York.

Nominations accompanied by a $20 fee per head and registrations are to be mailed to Donald Dean, P.O. Box 417, Naples, N.Y. 14512 by Jan. 26.

AVCO NEW IDEA



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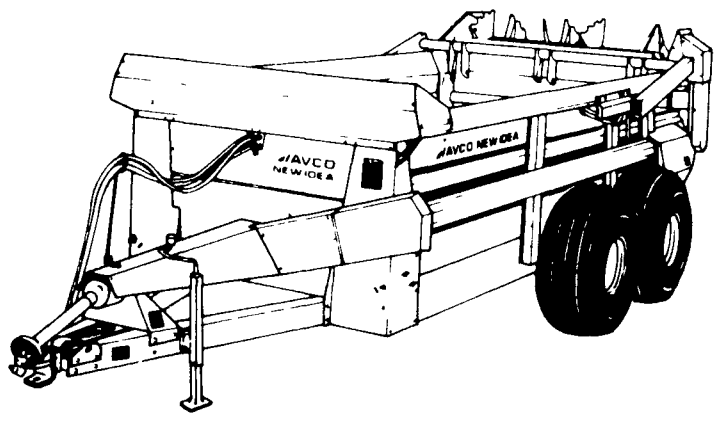

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Proposed ban on antibiotics in livestock feed unnecessary, says ACSH

NEW YORK, N.Y. — The use of antibiotics as animal feed additives has not been shown to be a threat to human health. Consumers would pay substantially more for meat and poultry if the use of antibiotics in livestock and poultry feeds were prohibited. So states a new report from the American Council on Science and Health (ACSH), an independent national scientific organization.

Low doses of antibiotics have been added routinely to livestock and poultry feeds for more than 30 years, because the drugs promote the animals' growth and permit them to be brought to market more economically.

This practice has been questioned because it could increase the prevalence of antiobiotic-resistant bacteria which might cause human diseases that would be difficult to treat.

The Food and Drug Administration has proposed banning most uses of penicillin and tetracycline in animal feeds, but Congress has ordered FDA to postpone action on this issue until more scientific evidence is available.

"During the more than 30 years in which antibiotics have been used as animal feed additives, no human health problems attributable to this practice have been reported. There have been no known outbreaks of untreatable bacterial disease as a result of the feeding of low doses of antibiotics to livestock, not even among farmers, slaughterhouse workers, or other groups of people who come into contact with farm animals daily," said Dr. Richard A. Greenberg, Associate Director of ACSH.

"The feeding of antibiotics to farm animals does pose a theoretical health risk," Dr. Greenberg continued. "Fortunately, though, we don't have to rely on theory alone to determine whether this risk is a significant one. We also have a large body of evidence from practical experience.

"The widespread use of low doses of antiobiotics in livestock feed during the past three decades has provided us with a 'natural experiment' on an enormous scale. The thirty year record of safety that has come out of this 'experiment' is strong evidence in favor of permitting the addition of antibiotics to livestock feeds to continue."

Consumers might have to absorb economic losses as high as $3.5 billion per-year if the addition of penicillin and tetracycline to animal feeds were discontinued, according to studies cited in the ACSH report.

ACSH recommends that the health impact of the use of antibiotics in animal agriculture should continue to be assessed periodically, to see if conditions have changed in any way that might lead to a significant hazard in the future.

The American Council on Science and Health is an independent, nonprofit consumer education organization promoting scientifically balanced evaluations of food, chemicals, the environment, and health. ACSH has offices in New York, New Jersey, and Washington, DC.

A single complimentary copy of the ACSH report ANTIBIOTICS IN ANIMAL FEEDS: A THREAT TO HUMAN HEALTH? can be obtained by sending a self-addressed, stamped (37 cents postage), business-size (#10) envelope to ACSH, 47 Maple St., Summit, NJ 07901.

Chester County man wins 4-H beef leadership award

FARM SHOW — Conrad Grove of RD 1, Downingtown, has been named the winner of the J. Ira Coble Memorial Award for outstanding service as a Pennsylvania 4-H beef club leader.

Grove received a plaque during ceremonies Thursday at the 68th Farm Show. The award is in memory of Coble, who served 43 years as a Dauphin County 4-H beef club leader.

The award winner started his 4-H service in 1960 when he was elected by the 4-H members as leader of the Kimberton 4-H Beef Club. As leader, he conducted meetings, arranged for speakers, and organized shows. He holds sessions on his farm with emphasis on judging, branding and properly weighing animals.

Farm manager of Devereux Soleil Farm, Grove was responsible for establishing the Chester County 4-H average daily gain and feed efficiency award in 1981. He currently is helping set up a county 4-H carcass show to measure feed efficiency, carcass grade and yield data.

The award winner also helped establish the Devereux Foundation 4-H Fund to sponsor a 4-H beef club Christmas banquet, summer beef show, judging clinics and leader training.

A native of Virginia, Grove showed steers for ten years and won numerous awards at the state fair in Richmond.

Conrad Grove, left, of R1 Downingtown, receives the J. Ira Coble Memorial Award for 4-H beef leadership from David Coble.

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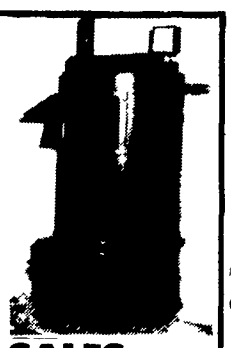

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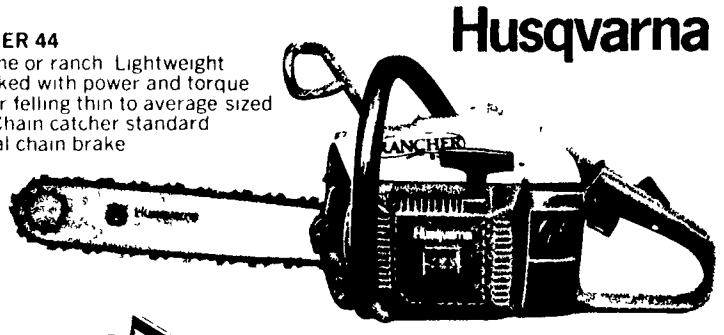

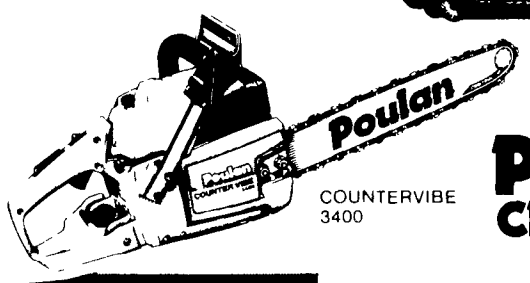

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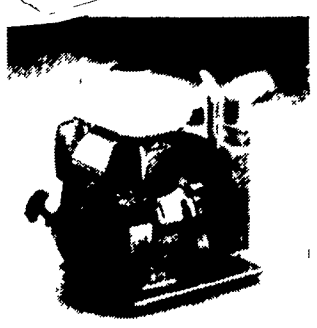

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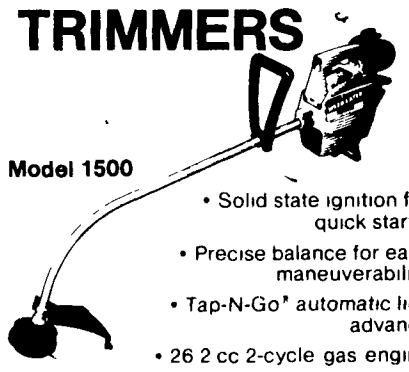

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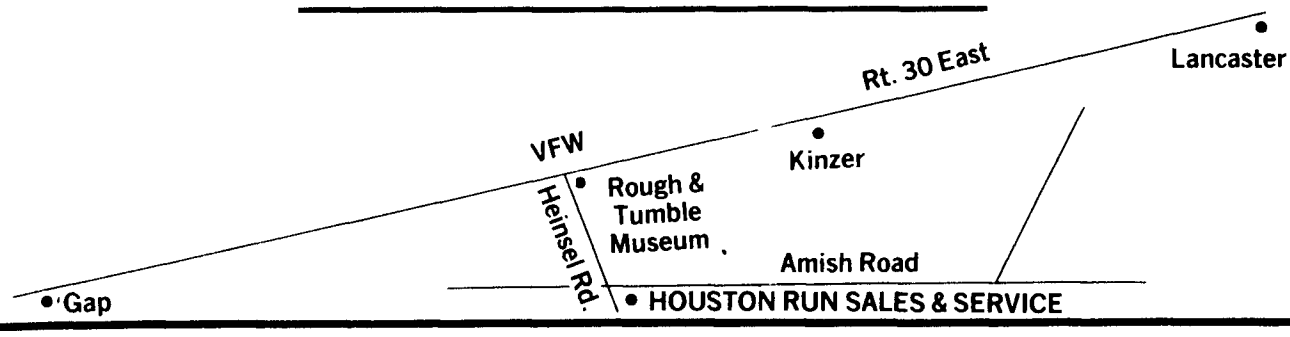

Cawley says ag can handle pollution

ANNAPOLIS, Md. — "The United States doesn't have to suffer a famine before its citizens can appreciate the need for chemicals in agriculture," Maryland Secretary of Agriculture Wayne A. Cawley, Jr., told members of the Northeastern Weed Science Society at a recent meeting in Baltimore.

"Common sense tells them we cannot return to a subsistence type of farming, and that's about what would happen if we abandon the use of chemicals," Cawley continued.

The Secretary further indicated that the American public isn't demanding that agriculture eliminate the use of chemicals but that it use them in such a way that they pose no threat to the environment. He cited as proof of this a recent Maryland survey in which 80 percent of the respondents said they would be willing to have their tax dollars spent in order to provide incentives to encourage farmers to undertake conservation projects aimed at reducing soil runoff into the Chesapeake Bay.

The major question on the mind of most Marylanders today is not who polluted the Bay but who and how are they going to clean it up. "As for agriculture", Cawley said, "we will do it ourselves. We understand our situation better than anyone else and we already have experience in dealing with certain types of pollution problems. The last think we need is for someone who doesn't understand the problems of agriculture to begin dictating to us with respect to what we must do in solving them".

"But, none of us can go it alone", said Cawley, "and we must slow those outside of agriculture that we are working in good faith. Whatever system we develop for dealing with the problem (pollution) must be one which will stand the scrutiny of a skeptical public. We must have confidence in the system and be proud to put it on open display for critical examination."

The Secretary indicated that Maryland agriculture is well on the road to the development of such a system and that control actions taken to date have received good public acceptance.

"We fully expect that before very long Maryland's agricultural pollution control program is going to be pointed out as a model which other segments of the industry will be urged to copy", he concluded.

The Northeastern Weed Science Society is composed of representatives of manufacturers and distributors of weed control chemicals, and weed control scientists from various universities and state departments of agriculture in the Northeast.

Marketing on agenda

DOVER, Del. — When Delaware vegetable and potato growers gather for their sixth annual meeting Tuesday and Wednesday at the Sheraton Inn in Dover, marketing and business management will be consistent themes throughout the program.

"The board of directors of the Delaware Vegetable Growers' Association felt special emphasis should be placed on these subjects, in addition to the standard production topics," says University of Delaware extension vegetable specialist Ed Kee, who sat in on the planning sessions for this year's Delaware Vegetable Growers' meeting.

Aspects of marketing and finance to be covered during the two-day event include:

— Successful marketing of local produce through chain stores;

— Vegetable situation and outlook;

— Potato situation and outlook;

— Tailgate marketing;

— Pick your own experiences;

— Cooperative packing experiences in 1983;

— Managing your risk;

— Promoting your products.

The meeting will also cover the ususal complement of timely production topics, Kee says.

The event is being sponsored jointly by the Delaware Potato Growers' and Vegetable Growers' associations and the University of Delaware Cooperative Extension Service. It is free and open to all. For further program details contact county extension offices in Newark, Dover or Georgetown, or call Ed Kee at (302) 856-5250.

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BUSINESS NEWS...

Brubaker consulting in 5th year

LANCASTER — With the agricultural climate separating the men from the boys in recent years, the question persists: How can the farmer achieve maximum economic return for his efforts? Preoccupied by long hours in the harness, today's diversified farmer seldom has the time to gain the necessry expertise in all facets of his operation.

Enter the consultant whose job it is to take an objective look at farm procedures, and recommend, if possible, a better way. Ideally, this "better way" translates to time and cost savings.

Such are the goals of Michael W. Brubaker. His credentials include a degree of agronomy and work in agribusiness with his father's Lancaster-based Organic Plant Food Company.

Though his company, Brubaker Agronomic Consulting Service, is currently in its fifth year, he explains that the company's roots date back about eight years when his father, William Brubaker, was experiementing with methods to increase crop yields.

Utilizing fields owned by 10 area farmers as his laboratory, Brubaker was able to increase yields significantly, and the idea of making these techniques available to all farmers was born.

Operating under the auspices of Organic Plant Food Co., for the first three years, Brubaker Agronomic became an independent firm two years ago, with Brubaker's wife, Cindy handling the books and agronomist Thomas Becker added last March to help with an increased workload.

A member of the National Alliance of Independent Crop Consultants, Brubaker Agronomic specializes in soil fertility, using three primary tools for evaluating cropland: soil samples, plant analysis, and manure analysis.

After signing a grower to a one-year contract, the firm scouts all cropland, mapping the farm into field units and taking soil samples for lab analysis. As soon as the soil has been tested, a consultation is arranged.

Topics include herbicide and insecticide recommendations, as well as lime and fertilizer application, and crop rotation.

Early spring marks the first in a series of field visits, that occur about twice a month throughout the growing season. Each visit includes the scouting of all fields for weed and insect problems, as well as a number of specific checks based on the time of year. The year's first visit in March, for example, involves a weed census in small grain and alfalfa fields, as well as an inspection of sprayers to insure proper application.

An early May visit insures that corn is planted at the proper population levels, with plant analysis beginning in mid-June. During July, rootworm counts in corn, and leaf-hopper counts in alfalfa are performed to determine where insecticide application might prove beneficial.

"There has to be enough insect and weed pressure to economically justify control," Brubaker emphasizes, adding that his company operates independently of chemical and fertilizer manufacturers or suppliers.

With September and October

Michael Brubaker

come corn and alfalfa yield checks, followed by more soil tests after the harvest. When all growing season data is compiled it's time for the winter meeting when results are analyzed and recommendations for the coming season are made.

When asked to list some of the specific area problems, Brubaker was quick to point out the widespread excessive application of manure with excessive concentrations of some nutrients and insufficient levels of others. He stressed the role of plant analysis in providing crops with the proper amount of nutrients.

"By adding only enough nutrients to match crop removal," Brubaker said, "we can reduce loss by leaching and runoff, which will go a long way toward solving our pollution problems such as the nitrate problem we have right now in the Chesapeake."

Brubaker stressed the role of his firm's frequent field visits in spotting potential problems, before they get heavily into the farmer's profits.

"Using cutworm as an example, a five to six percent infestation in corn translates into a seven bushel per acre loss daily. Our consulting service will be right there, in your fields to diagnose this type of problem and provide you with instant recommendations."

Brubaker noted that an independent consultant's experience with many farmers gives him the ability to pin-point potential problem areas before a problem develops into a major financial burden.

Agway provides dairy kit

SYRACUSE, NY — Local dairy farmers have been mailed a dairy planning kit by Agway to assist them in evaluating the pros and cons of participating in the new Federal program designed to reduce the dairy surplus

"Each dairy farmer must decide whether or not to sign up for the program by Jan 31," says William A Hiller, Agway president. "We want to help our members make the right financial decision for their individual farming operations. The decision won't be the same for everyone."

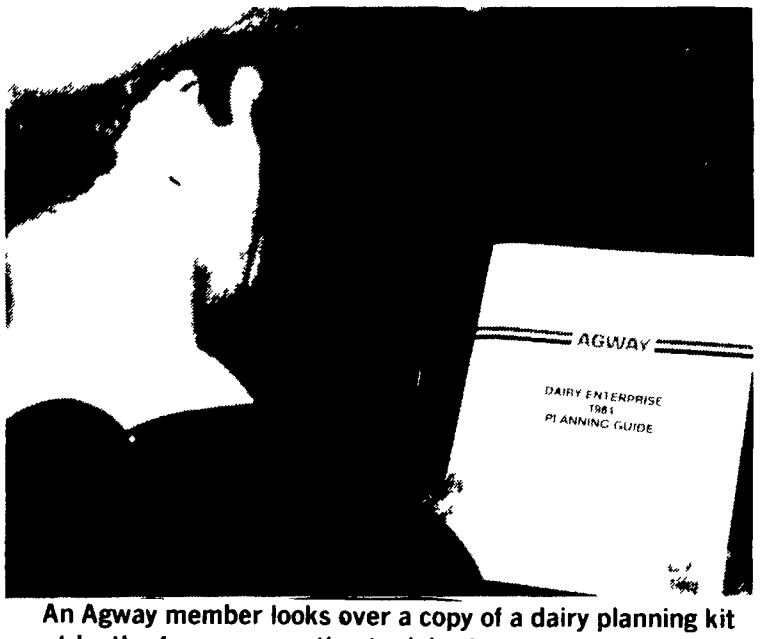
Hiller reports that more than 24,000 dairy farmers in 11 northeastern states served by Agway have received the kit of materials prepared by Agway dairy and feed specialists.

The planning kit contains an explanation of the Dairy Stabilization Act of 1983, a work sheet to help each farmer evaluate the implications of participation in the 15-month program, and several scenarios prepared by Dr. Lew Mix, Agway farm management R&D director.

Also included in the Agway dairy planning kit is a booklet titled "Managing the Dairy Enterprise with Lower Milk Prices." The booklet suggests how farmers can meet specific income goals with fewer cows and fewer acres

Dr. Kendall L. Dolge, nutrition and quality assurance manager for Agway's Feed Services, points out to dairy farmers the danger of drastic changes in the herd feeding program in mid-winter.

"Nothing hurts feed efficiency more seriously than sudden changes in ration compostion. With lower milk prices, many dairymen will be tempt[illegible] radically on the amount of feed. This can be disastrous," according to Dolge.



An Agway member looks over a copy of a dairy planning kit sent by the farm cooperative to dairy farmers to assist them in deciding whether to participate in the new government dairy program designed to reduce milk production.

Dr. Dolge suggests that dairy farmers consider the use of two dairy feeds. One of the feeds should be designed for the high-producing cows in early lactation period. It should contain a high nutrient density and regulated protein solubility.

The second feed is designed for lactating cows and heifers and can be more economical. In many cases, there can be a savings of $20 or more per ton. But Dr. Dolge cautions farmers not to switch abruptly from one feed to another. It can result in sharp drops in milk production which may wipe out any increase in profits.

The feed experts stress that dairy farmerss should work closely with their feed suppliers to insure the most efficient and cost-effective combination of home-grown forages and purchased ingredients. Local Agway enterprise salespersons are trained to discuss specifics of balancing feeding programs for optimum results.

Whether or not a dairy farmer participates in the government dairy program, lower milk prices and relatively high feed costs during the coming months will make in imperative that dairymen operate their farm businesses as efficiently as possible.

IH reports new planters

CHICAGO, Il. — Two new International 800 Series Cyclo Air Planters are now available in 12- and 16 - row horizontal rear-fold designs.

All functions of the new 30-in. (762 mm) row planters for field operation and folding for transport are controlled from the tractor seat. In fact, folding the big planters for transport requires less than 30 seconds and takes less than 20 ft. (6.1 m) of forward travel.

Simple, easy operation of the International Harvester planters is made possible by a tractor-mounted Planter Controller and one auxiliary valve which controls all field functions, as well as folding operations.

A key element of the new horizontal rear-fold design is a hydraulic lift system which elevates planter row units to a vertical position before the wing frames are hydraulically unlatched and pivot rearward. Rotating planter units to the vertical position makes inspection and servicing easier, too, says International Harvester.

The planter row units are positioned vertically during transport to provide exceptionally narrow transport widths of 13 ft. 6 in. (4.1 m) for the 12-row narrow

International 800 Series Cyclo Air Planters come in 12- and 16-row designs.

model and 14 ft. 6 in. (4.4 m) for the 16-row model. In transport position, these planters trail similar to a wagon, providing exceptional stability, maneuverability and ample ground clearance.

Another feature operators will like about the new rear-fold planter is its short hitch, which permits tight headland turns.

Flexible mainframes and walking beam wing frame wheels allow planting units on both models to follow ground contours and maintain precise depth control. In addition, individual wing frames can be raised when planting point rows.

These two new horizontal rear-fold planters offer the same performance and productivity features as current 800 Series Cyclo Air Planters with large 15-bu. seed hoppers and up to eight planting speeds. No tools are needed for depth settings, drum changes and pesticide rate adjustment. International Harvester offers a range of options for the new planters, such as pesticide attachments, population monitors, 15 different drums for various crops and row tillage attachments.

ABS holds dairy seminar

DE FOREST, Wisc. — American Breeders Service and co-sponsors, Union Carbide, Upjohn, CEVA Laboratories and Bayvet, hosted 50 participants for a "Dairy Reproduction Management Seminar" held recently in Madison, Wisc. The seminar offered agricultural university and extension dairy specialists, plus others in the dairy industry, the opportunity to gain up-to-date material from 22 different industry and ABS speakers.

"Our main purpose for holding the seminar was to promote an open exchange of information and ideas between A.I. industry representatives and university and extension dairy specialists. Both groups are working toward the common goal of helping producers improve their livelihoods, and a unified educational effort with open communication channels can speed progress toward that goal," explains Steve Yaun, Manager of ABS Training and coordinator of the seminar.

Topics included A.I. fertility from the cow and the bull standpoint, plus semen handling and placement, sire selection discussions, and the most current information on nitrogen refrigerator service, estrous synchronization, and new embryo technology.

Speakers from USDA, agricultural universities, and A.I. and dairy related industries demonstrated varying viewpoints, particularly touching on updating of the genetic base for sire evaluations, new information on estrous synchronization products, and the linear evaluation of dairy cattle, now a standard in the dairy industry.

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Twin bulls enter ABS program

DE FOREST, Wisc. — Divide and Duplicate, the First pair of identical twin Holstein bulls produced by splitting an embryo, have entered the ABS Progeny Test Program.

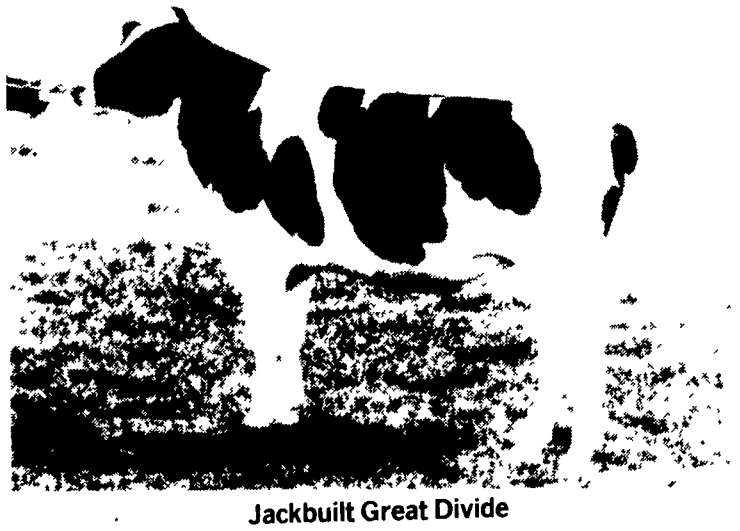
Dr. Paul Miller, Director of Sire Development at American Breeders Service, advises that the 13-month-old twins will each be randomly mated by artificial insemination, to some 2,000 cows located in 200 of the 1,600 New Generation herds associated with ABS in its sire proving program.

At the same time, semen from the two bulls is also available for use by Holstein breeders and dairymen through the firm's regular outlets.

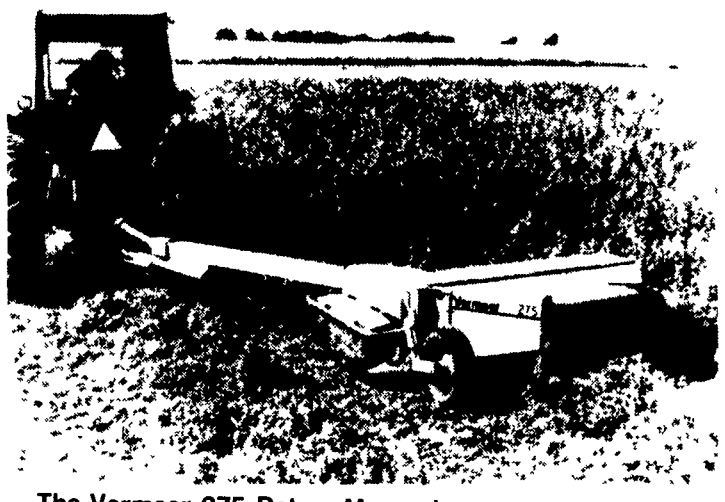
The most visible non-genetic differences between DIVIDE and DUPLICATE are size and color markings. The difference in size results from the calves being carried to birth by different cows. The twin's color markings are similar, but not identical, because pigment cells within developing animals do not settle in exactly the same position.

Jackbuilt Great Divide and Jackbuilt Duplicate are leased by ABS from their breeder and owner, Dick Jackson of Jackson Holsteins, Boulder, Colo. They are sired by Sweet Haven Tradition, and result from an embryo transfer from their dam Paclamar Gentle Molly-ET VG-88. Molly is a Glendell out of Kanzabrook Matt Missy EX-94 4E. Missy, as a 13-year-old, produced 42,040 pounds of milk and 1,701 pounds of fat in 365 days.

Jackbuilt Duplicate



Jackbuilt Great Divide



The Vermeer 275 Rotary Mower has a cutting capacity of more than 12 acres an hour.

Mower has low profile

PELLA, Ia. — A new low-profile, high production rotary-style hay mower/conditioner, which cuts over 12 acres/hrs., is now available from Vermeer Manufacturing Co., Pella, Iowa 50219.

The new Vermeer 275 Drum & Disc Mower cuts 9 feet (275 cm) wide at infinitely-variable hydraulically-controlled cutting heights. Cutting speed is limited only by terrain conditions or tractor power. Transport width is 112" (285 cm).

The 2646 lb. (1200 kg) unit is housed in a heavy-duty box steel frame and operates with two cutting drums and four internal cutting discs. Each disc and drum component comes equipped with reversible, replaceable knives (2) that can be changed or reversed in the field in seconds.

The Vermeer 275 also features adjustable swath deflectors, a hydraulically adjustable drawbar to vary cutting heights and offset, plus a unique PTO-drive system that spans the top of the entire cutting frame and reduces power transmission stress through the mower bed. A minimum 65 hp tractor is recommended.

The 275 conditioner attachment is adjustable to suit specific windrow preferences. Also, the contra-rotating steel roller and rubber vane roller are adjustable to suit varying crops or crop conditions. The unit is driven through a double chain drive system with shear bold. (The conditioner can also be equipped with a system that utilizes bruising comb and single rotor with flails).

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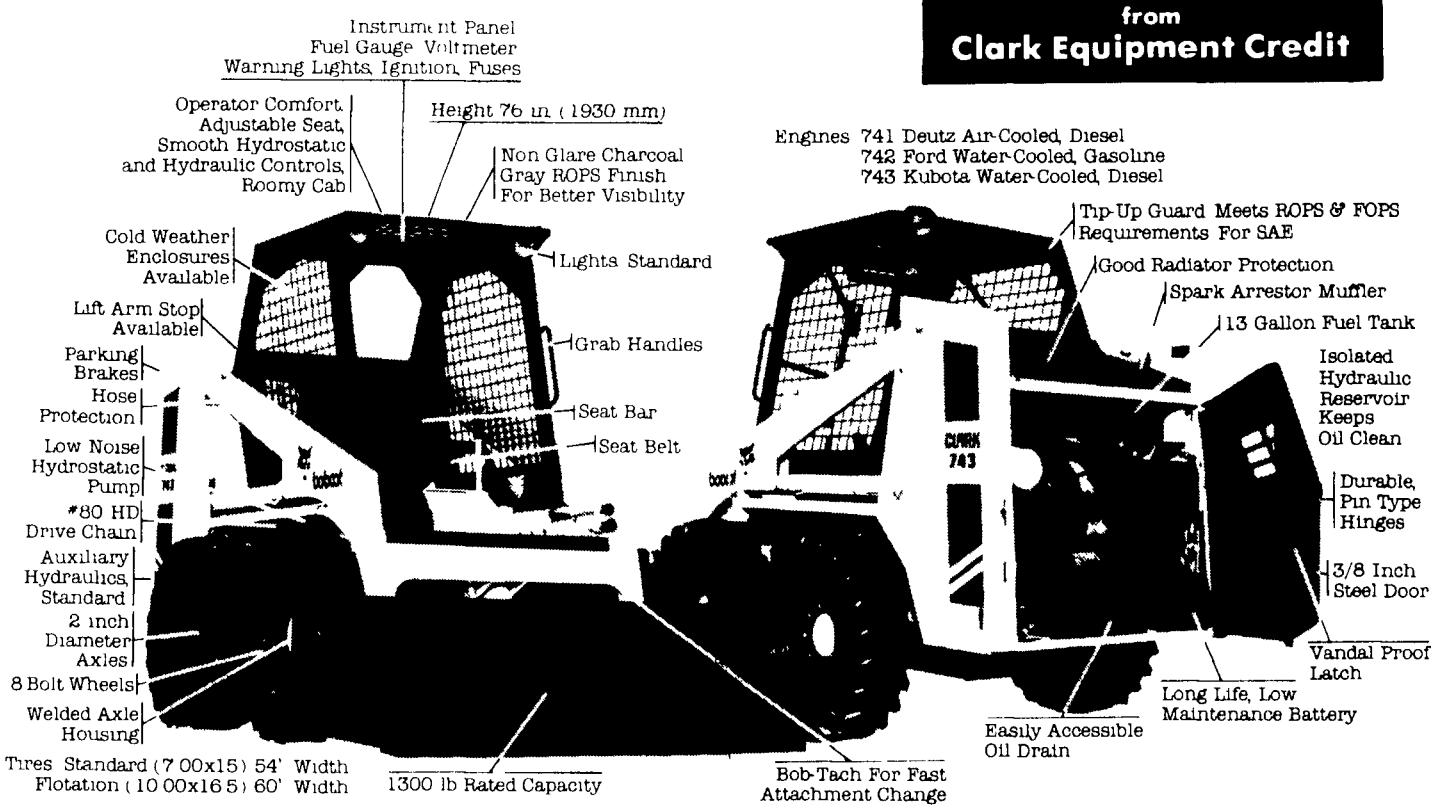
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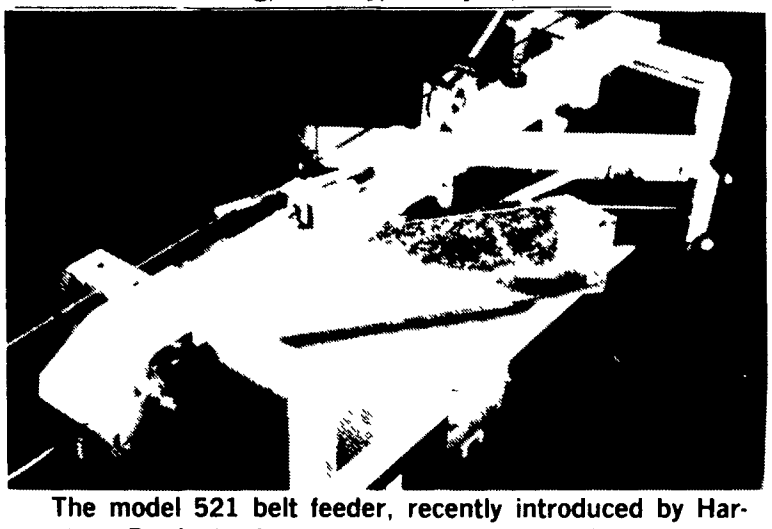


The model 521 belt feeder, recently introduced by Harvestore Products, features a plow-rotary brush diverter to efficiently sweep feed from a moving belt.

Harvestore cites belt feeder

ARLINGTON HEIGHTS, Il. — A new belt feeder has been introduced by A. O. Smith Harvestore Products, Inc., company spokesmen have announced. This product, the model 521 belt feeder, features a plow-rotary brush diverter to efficiently sweep feed from a moving belt.

For selection versatility, the feeder is also available with a spinning brush diverter. Both diverter selections allow feeding on either side of the belt. The product is available with a 12-in. wide delivery belt in lengths up to 325 ft. to fit a variety of feedlot designs.

A similar product, the model 530 belt feeder, is available only with 16-in. wide belting and a spinning brush diverter. All Harvestore system belt feeders feature Dura-Glide belting, designed for trouble-free operation and low maintenance. The special belting, bright blue in color, provides superior corrosion resistance and performs well even in sub-zero weather.

Wastes drainage system debuts

DELPHIA, Ind. — A new wastes drainage system for sow farrowing crates in confinement buildings, using polyethylene plastic pans has just been introduced by the Farmcraft Agri-Systems division of Underhill Industries, Inc., P. O. Box 256, Delphi, Ind. It makes the old manure pits under confinement buildings obsolete, the makers claim.

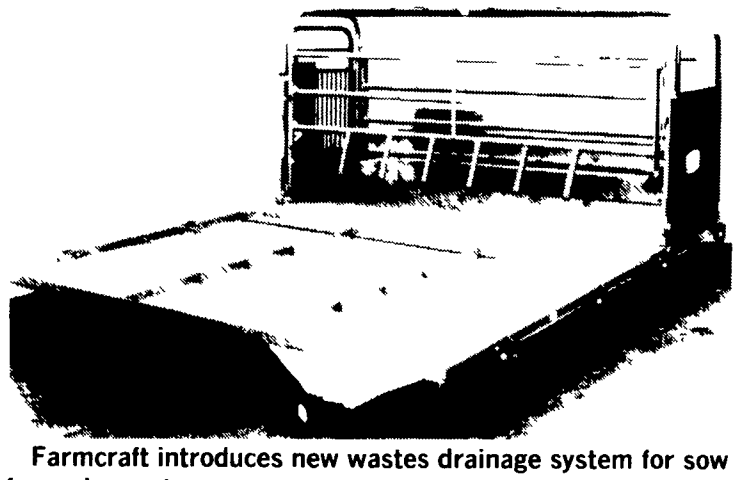
With this new system, wastes are removed from the buildings more frequently (every few days) and more easily An important result is that there is much less formation of noxious gases and foul odors. Animal health is improved and there is less stress on baby pigs, making earlier weaning possible. There is considerable saving of fuel to heat and ventilate the farrowing building.

Instead of manure dropping through the floor into a pit below, the wastes drop into a contoured plastic pan just beneath the floor. The pan is shaped so that wastes move by gravity into a channel running the length of the pan. This forms a pipe-shaped outlet at the end.

Adjacent pans are connected together by large plastic "collars" (pipes), so that an entire row of farrowing crates disposal pans are joined together, and wastes move through by gravity and then through a pipe out of the building. The pans can be hosed from above to add water to speed the movement of wastes. An optional auger waste removal system is available.

Each wastes removal unit consists of a reinforced rigid steel frame on legs with Farmcraft Tender-Care flat top woven wire floor covering the upper surface. The plastic pan is fastened just below the floor surface. The farrowing crate is bolted on top of the flooring. Plastic coated flooring is available as an option.

Each unit is supported by heavy steel legs, and height is adjustable in order to provide a slant in the system so that gravity operates the removal system. These units can be placed in any type building and on any kind of flooring. Any make new or old farrowing crate can be used with this system. Plastic flush pans are available in 4' x 8', 4' x 4' and 5' x 7' sizes, also.



Farmcraft introduces new wastes drainage system for sow farrowing crates.

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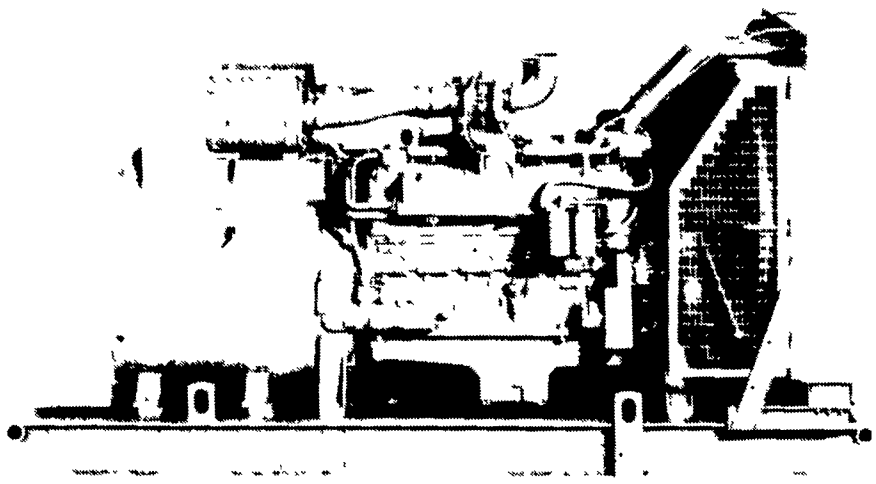

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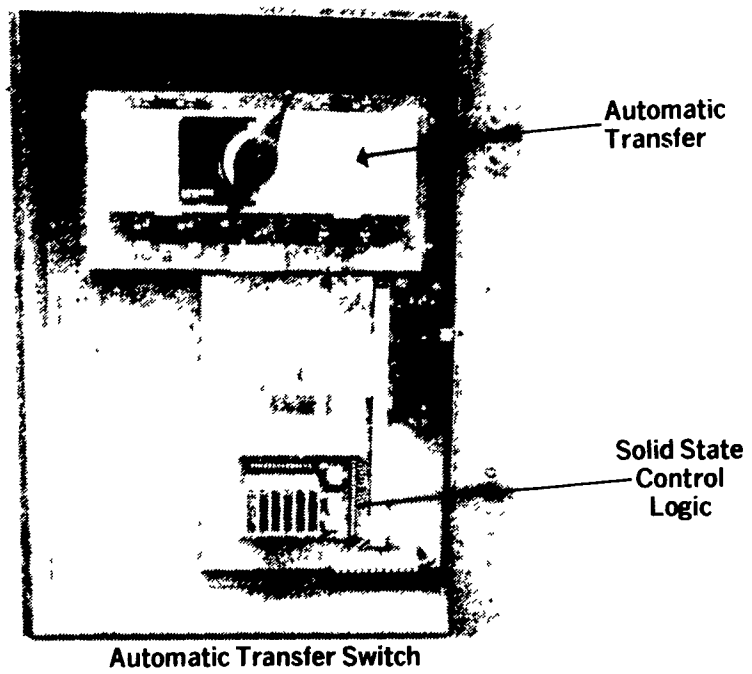

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Bush Hog releases mower

SELMA, Al. — A new three-point-hitch-mounted, hydraulic-powered, five-foot-cut ditch bank mower has recently been released by Bush Hog, Selma, AL. It is designed to effectively mow road sides and ditch banks when powered by a three plow tractor.

The cutter unit features ½"x3" double edge blades mounted on a round, dish type blade holder. It is powered by its own hydraulic system which includes a 19 GPM P.T.O. driven pump, 35 gallon reservoir and necessary valves and filters. Blade rotation may be either clockwise or counter clockwise with blade tip speed over 14,000 feet per minute.

Position of the head is controlled by the tractor's hydraulic system. It will operate from 90° above horizontal to 85° below horizontal. Lateral movement of the cutter head is 31¼" which gives a maximum reach from the center of the tractor of 145". A counterweight is included as standard equipment. All units are completely tested before shipment from the factory.

Pennfield names dairy nutritionist

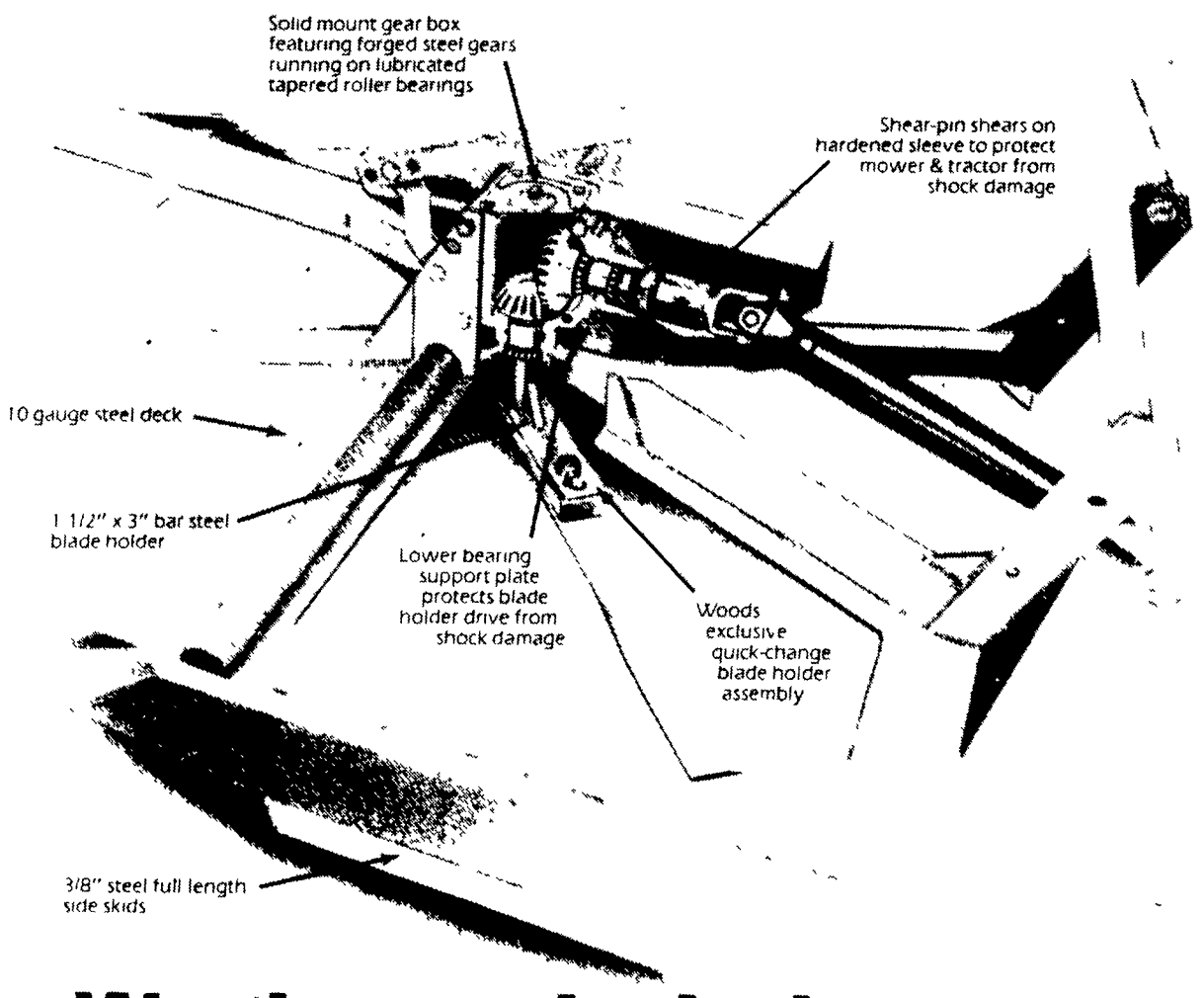
LANCASTER — Brian L. Perkins, has been named Manager of Dairy Nutrition and Research for Pennfield Corporation, according to Ernest O. Horn, Jr., President. Dr. Perkins will assist Dr. John W. Fidler, Manager of Technical Services, in providing technical support for the company's feed production and marketing operations. In that capacity, he will engage in field

Brian Perkins

work with area dairymen to assist with ration programming, efficient herd management, and utilization of on-farm forages for cost-effective feeding programs.

A native of Northville, N.Y., Dr. Perkins received his B.S. in Biological Sciences from Cornell University, his M.S. in Animal Science from the University of Vermont, and his Ph.D. in Reproductive Physiology from Cornell University. His experience includes graduate teaching at the University of Vermont and Cornell University in animal nutrition, reproductive physiology, endocrinology, and lactation physiology. Prior to joining Pennfield, Dr. Perkins worked as a dairy management consultant, providing nutritional and reproductive management service to dairymen in New York state. He also has extensive experience working on dairy farms.

WOODS'
M5 DIXIE CUTTER


Solid mount gear box featuring forged steel gears running on lubricated tapered roller bearings
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Woods exclusive quick-change blade holder assembly
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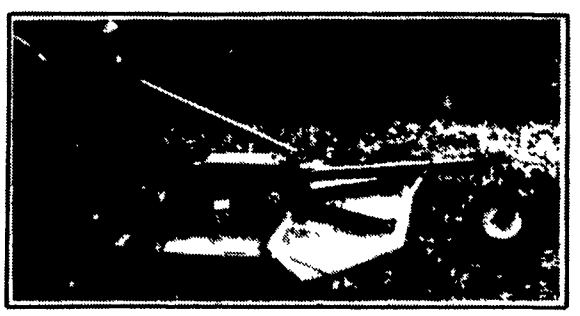
Worth more in the long run



Woods' M5 Dixie Cutter cuts and shreds a five foot swath. It has a direct gear drive with a heavy-duty gear box and is available in models for rear-mounting on 3-point hitch, fast-hitch or AC snap-coupler.

The Woods' M5 Rotary Cutter has more features More safety More years of reliable service. Dependability That's what makes Woods products worth more

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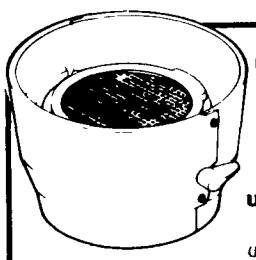

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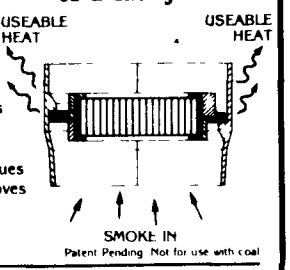

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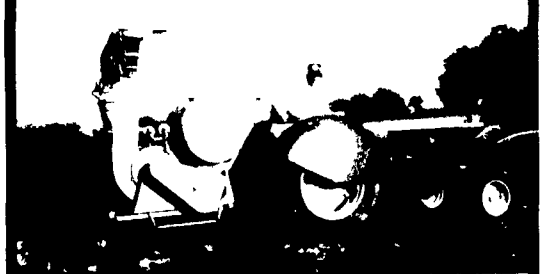

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MF introduces tillage tools

DES MOINES, Ia. — Massey-Ferguson has introduces three new tillage implements designed to meet farmers' fall tillage equipment needs. The new implements include the MF 144 moldboard plow, the MF 115 conservation coulter chisel and the MF 133 chisel plow.

MF 144 Moldboard Plow

Designed for operation with most tractors in the 60 plus horsepower range, the MF 144 moldboard plow is available with 3 to 7 bottoms for semi-mounted hitching and with 5 to 18 bottoms for pull-behind use. In-furrow or on-land hitching is provided to match the width of cut to tractor rear wheel spacing.

The MF 144 is available with economical shear bolt beams for use in rock-free areas. Optional automatic spring reset beams, with the unique ability to float over sloping rock surfaces, provide non-stop plowing in stump or rock infested fields. The spring reset model features 33 inch vertical clearance from the tip of the share to the bottom of the frame, while the shearbolt beams provide 35-inch clearance.

The 31 1/2-inch fore and aft stagger of the beams combines with the vertical clearance to provide a generous tunnel for corn stalks and trash to pass through.

Eighteen-inch bottoms, available in general purpose, high speed and deep tillage configurations, permit plowing down to 12-inches deep at speeds up to six miles per hour.

A high strength six-inch square tubular fore and aft frame provides a strong backbone to ensure bottom alignment. Wide spaced pivots on two and three section hinged models reduce twisting between sections and provides accurate trailing. Tandem walking beam land wheel axles provide adequate floatation for uniform plowing depth and reduce shock loading due to ditches and obstructions.

Conservation Coulter Chisel

The MF 115 Conservation coulter chisel meets farmer growing need for conservation tillage equipment. The need to conserve soil, moisture, fuel and operator time during fall tillage has created a demand for the MF 115.

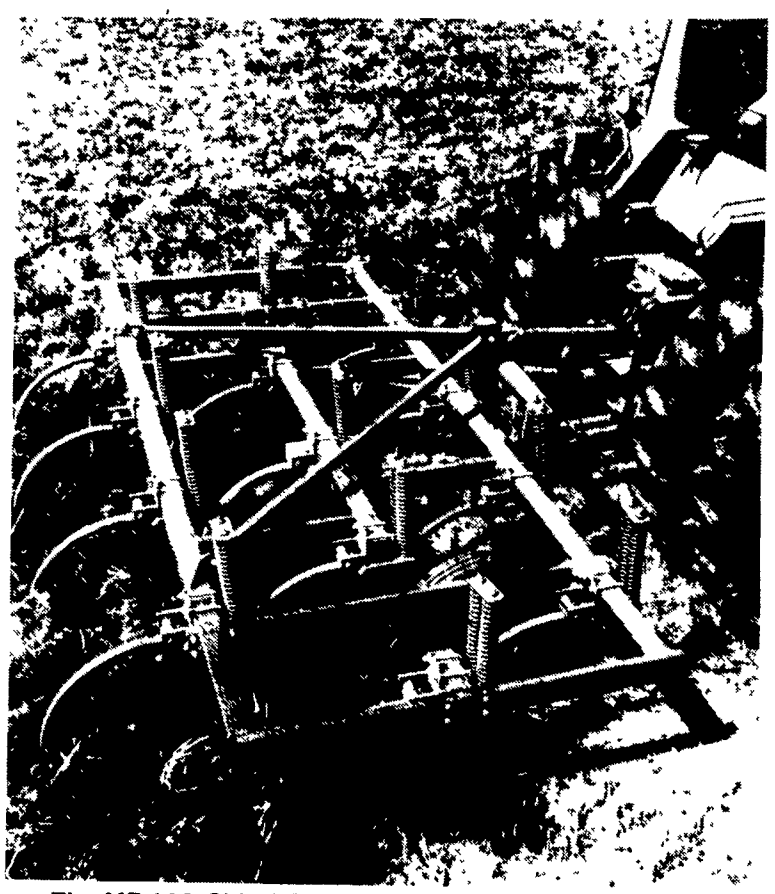
Build with a heavily weighted frame for better soil penetration, the MF 115 is especially effective in heavy corn trash conditions.

MF 115's 4x4-inch square tube frame is packed with metal punchings, giving it more weight added than any other unit on the market. With this extra weight, the MF 115 can work in heavy trash and tough soil conditions without riding out of the ground.

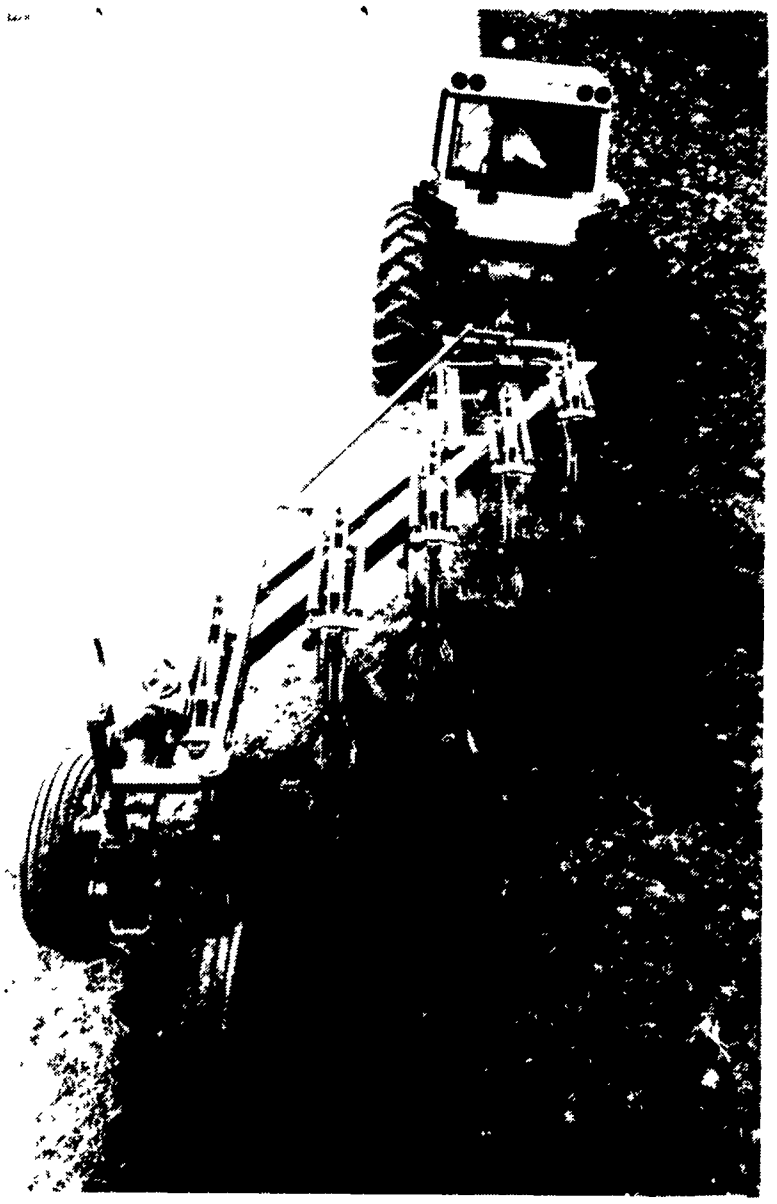
The welded square tubular frame is stronger than bolted frame units, reducing repair time and providing longer life.

Both the main frame and the 1

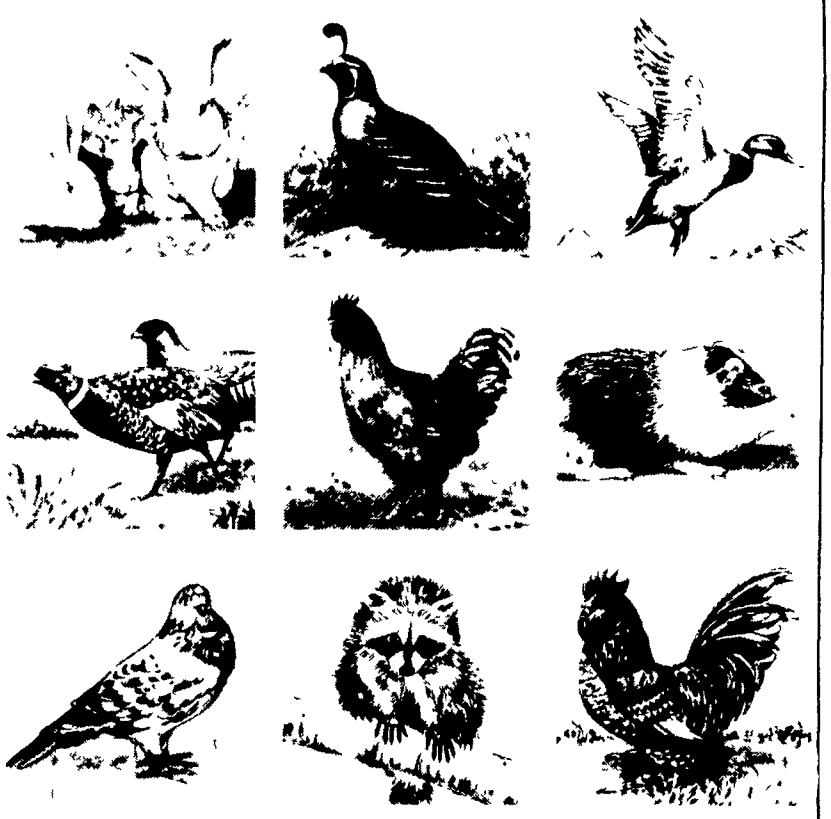
(Turn to Page D11)



The MF 133 Chisel Plow has shanks spread over the four-bar frame, creating a 36-inch rank spacing between shanks and allowing for work in trashy fields with less plugging.



The MF 144 Moldboard Plow is equipped with 18-inch bottoms in different configurations and sizes to meet individual preferences and tractor capabilities.



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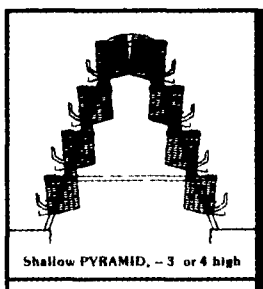

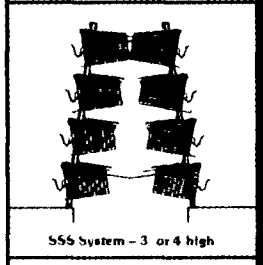

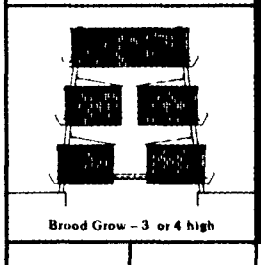

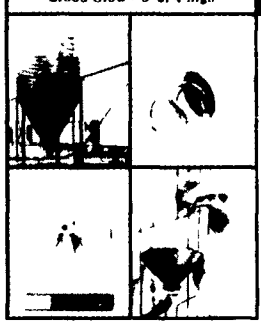

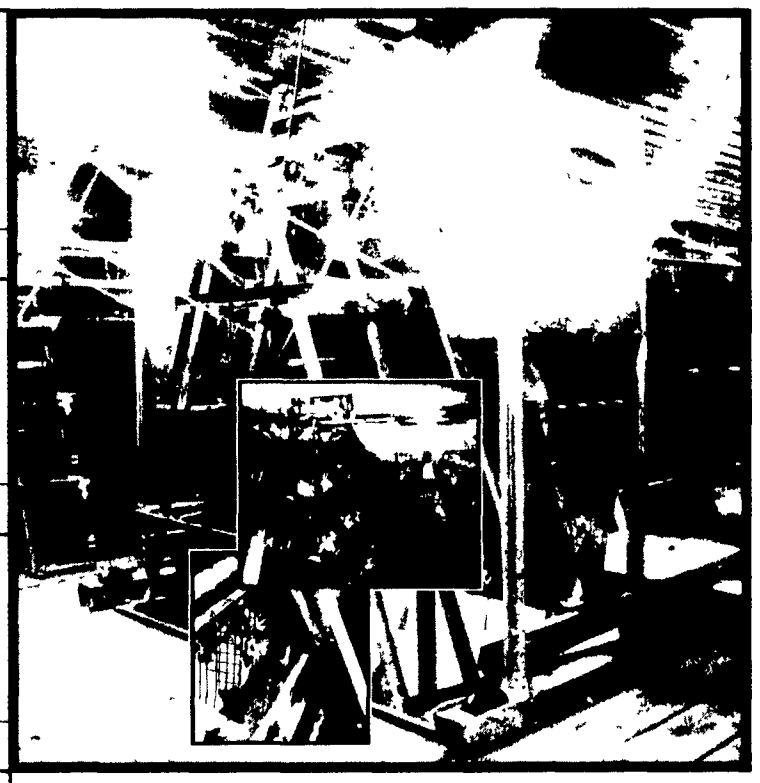

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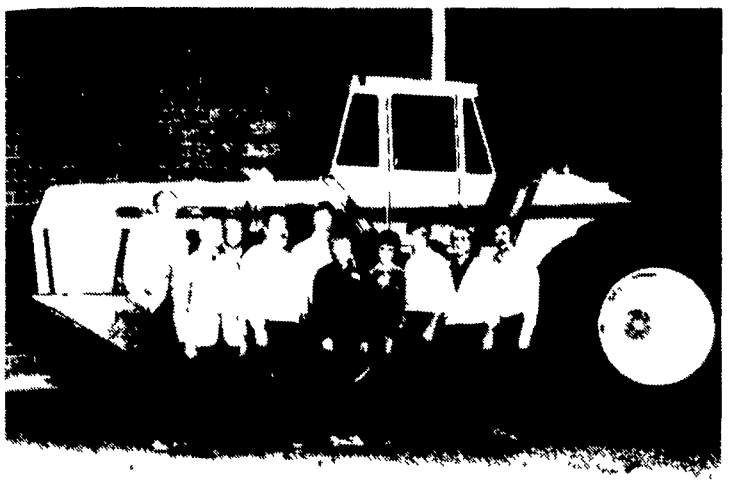

Four new owners of White Farm's 4-270 Field Boss tractor had the opportunity to see their tractors roll off the production line in Charles City, Iowa. Standing in front of the first 4-270 produced by White Farm are, from the left, Bill Poser, A & P Motors, Conrad, Mt.; Claude Laubach, Carter, Mt.; Dick Kavalier, Kavalier Implement, Dysart, Ia.; Junie Manatts, Brooklyn, Ia.; David Pieper, Pieper Implement, Dodge, Ne.; Betty Pieper, Pieper Implement; Joyce Kreikemeir, West Point Ne.; Marv Kreikemeir; Harold Portner, Sleepy Eye, Mn.; and Bob Rengstorf, Judson Implement, Lake Crystal, Mn.

1st Field Boss buyers honord

CHARLES CITY, Ia. — The first 4-270 Field Boss tractor was presented to the first customer, Claude Laubach of Carter, Mt., as it rolled off the production line at White Farm Equipment Company's tractor plant in Charles City.

Laubach and his local White Farm Dealer, Bill Poser of A & P Motors Conrad, Mt., were guests of White Farm at the first production run of the tractor along with three other new owners and their local dealers. The new owners of the tractors and the dealers toured the Charles City plant and foundry, met with engineers, plant personnel, WFE management, representatives from Caterpillar (the manufacturer of the engine) and were guests at a special dinner in honor of the event.

The 4-270 Field Boss tractor was recently introduced by White Farm, and features the company's new 4 x 4 powershift transmission with on-the-go shifting through four speeds in each of four ranges. The new tractor, rated at 270 hp (manufacturer's estimated hp), has a total of 16 forward speeds and four reverse, with eight field speeds between 2 and 7 mph.

"White Farm is proud of this new Field Boss, and we're excited to see how interested farmers are in purchasing this tractor," says John Peterson, Director of Marketing Operations. "And what better way to share our enthusiasm with our customers than by bringing the first group of new owners to Charles City to see their tractors come off the line."

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MF tillage tools

(Continued from Page D10)

1/4 by 2 by 32-inch shanks are warranted for five years.

The gang-mounted 20-inch straight coulters on 7 1/2-inch centers provide efficient chopping of trash and deep penetration. High clearance, 32-inch semi-rigid or spring-cushioned shanks give better trash clearance. Three-inch reversible twisted shovels or four inch twisted moldboards with replacemable points are available.

MF 115's sequencing cylinders with positive hydraulic control assure uniform depth and control the amount of trash incorported.

MF 133 Chisel Plow

The new MF 133 chisel plow provides primary tillage in areas where water and wind erosion require leaving crop residue on or near the soil surface.

The chisel plow is available in three basic frame sizes including a three-bar mounted rigid frame with 10 to 16 feed cutting width, a four-bar, pull-type folding frame with 18 to 26 feet cutting width.

The MF 133 is 98 inches long. Spreading the shanks over the four-bar frame creates a 36-inch rank spacing between shanks and allows working trashy fields with less plugging.

Thirty-two inch under frame clearance permits up to 12-inch penetration to break up hardpan, aerate the soil and achieve good trash flow through. Twin compression spring assemblies hold the shanks in the ground while providing rock protection to reduce shank breakage.

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Farm Show sale is ag drama at its best

BY DICK ANGLESTEIN

FARM SHOW — For sheer agricultural drama and excitement it's difficult to beat the market animal sales – the traditional closing events of the Pennsylvania Farm Show.

And this year was no exception. But the top drama shifted this year from the market steer to the market lamb sale.

Last year, a York County insuranceman hooked up with the owner of a market chain and a record-breaking price was paid for the champion market steer.

This year, a market owner tangled with a Bedford car dealer and a record price resulted for the market lamb.

Once again, it proved the old adage that it only takes two to make the bidding at a sale real interesting.

When all of the bidding dust had cleared for the champion market lamb of Sue Falvey, the 16-year-old Bedford County 4-H'er had probably sold what may be one of the most valuable lambs ever to cross an auction block.

Traditional Farm Show lamb buyer, Bill Fox of Fox's Food Market, Middletown, was not to be topped and ended up paying a record $60.00 a pound for the black lamb.

The bidding was fast and furious, jumping at times by $10.00 a pound increments, which had ringside bystanders just shaking their heads in amazement.

The result was a price for a 102-pound lamb which rivaled that which has been traditionally paid for the champion steer, which tips the scales at more than 10 times as much.

Just as she was when her black lamb, "Ronnie," was named grand champion, Sue Falvey's eyes were quite moist throughout the bidding. It was almost as if each tear that streamed down her face brought another flurry in bids.

Once again, it was Abe Diffenbach, of the New Holland Sales Stables, who scripted and choreographed the record sale – just as he had done last year when the market steer was in the limelight at $12.00 a pound.

And when this year's steer sale rolled around, it was almost as if it was an anti-climax. It not only followed the record-shattering lamb sale, but had to play as an encore to last year's unusual steer sale.

And Jan Waltz' 1260-pound grand champion from Lancaster County brought a respectable $6.00 a pound from Danny George, of George's Foodliner, Bethlehem – another Farm Show bidding regular.

But at only half of last year's unusual $12.00 a pound winning bid, it appeared that some spectators looked on this year's total price of more than $7500 as something of a disappointment.

The shirt-sleeve parade of the champion by Ag Sec. Penny Hallowell succeeded in raising the bid a bit more, but nothing close to last year's level.

Meanwhile, Hatfield Packing Company's Jerry Clemens calmly went about buying the grand champion hog and a good many other head at the market swine sale.

At $14.00 a pound for her champion, Juanita Kennedy, of Washington County, took home a respectable purse of more than $3300 for her Hamp-Duroc cross.

But with Hatfield it's a little bit different. While other bidders may only show up at Farm Show to buy in the statewide limelight, the men in the Smiling Porker caps are found throughout the year at numerous local fairs and roundups and thus provide continuing support for countless 4-H and FFA

(Turn to Page D13)

Trio with grand champion steer following Farm Show sale are, from the left, Danny George, of George's Foodliner, Bethlehem, buyer; Ag Sec. Penrose Hallowell and Jan Waltz, of Lancaster County.

Taking his turn at leading grand champion steer around Farm Show sale ring is Ag Sec. Penrose Hallowell.

Reserve champion market lamb at Farm Show sold to Danny George, of George's Foodliner, Bethlehem, at $12.00 a pound. With lamb are Bill and Nancy MacCauley, of Chester County.

Tim Brown, of Crawford County, poses behind his reserve champion Farm Show hog with Sherman Allen, of Conneaut Lake, who represented four Western Pa. buyers; and Chet Heim, deputy ag secretary.

Winning bidder for the grand champion market lamb of Farm Show of Sue Falvey is Bill Fox, left, of Fox's Food Market, Middletown, with his sons, Brian and Jeremy. Also shown are Ag Sec. Penrose Hallowell and Rep. Sam Hayes Jr.

With grand champion market hog at Farm Show sale are, from the left, Juanita Kennedy, of Washington County; Jerry Clemens, purchaser for Hatfield Packing; and Chet Heim, deputy ag secretary.

Farm Show sale

(Continued from Page D12)

hog projects which launch numerous youths into swine operation careers.

In addition to the frenzied bidding for the grand champions, many sub-plots of drama and excitement unfold throughout the sales.

Western Pennsylvania was determined to be heard from in the swine sale since it had both the grand and reserve champion of the show.

A group of four businesses got togther and bought the reserve champion of Tim Brown, of Crawford County, for $6.75 a pound. They included Castlebrand Meats, New Castle; Leali Meats, Wheatland; Utility Constructors, Lyonsville; and On-the-Green Restaurant, Cambridge Spring.

A number of bidders follow an informal system of territorial rights in buying animals, such as A and B Packing concentrating on Lehigh County, Emery's Buying Station in Lancaster and surrounding areas and Willie the Butcher, primarily in Lancaster County.

Every once in a while a flurry of bidding will erupt as a traditional bidder locks horns with a special interest bidder, such as an implement dealer interested in the animal of the son or daughter of a good customer.

And the competition between siblings in the same family comes into play at times. Returning home, a brother or sister can boast of a nickel a pound more and make him or her the family champion.

But in the end, all of the youths end up as champions – no matter who the bidder or what the final price may be.

Sue Falvey, of Bedford County, tries vainly to hold back tears as bidding rages on her grand champion Farm Show lamb.

Direct marketers to organize

DOVER, Del. — A meeting to formally establish a Delaware Direct Marketing Association will be held Tuesday at 4 p.m. in the Mile High Room of the Sheraton Inn in Dover, following the regular program of the Delaware Vegetable Growers' meeting, being held at the inn on the same date.

During this organizational meeting, the new group will elect officers. According to University of Delaware extension marketing specialist Carl German, who has been advising the ad hoc committee established last fall to draft bylaws and make nominations, the association is being formed for three reasons:

—To promote Delaware's direct marketing industry;

—To provide a forum for the exchange of ideas and development of educational programs;

—To generally improve and maintain basic operating standards in the state's direct market outlets.

Interested individuals who will not be able to attend this meeting can obtain further information by contacting either extension marketing specialist Carl German at (302)-451-2511 or Delaware Department of Agriculture marketing manager Bill Sammons at (302)-736-4811.

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CHAMBERSBURG — The Automatic Porta-Mister is designed to go anywhere and spray anything, according to Ryder Supply, Chambersburg.

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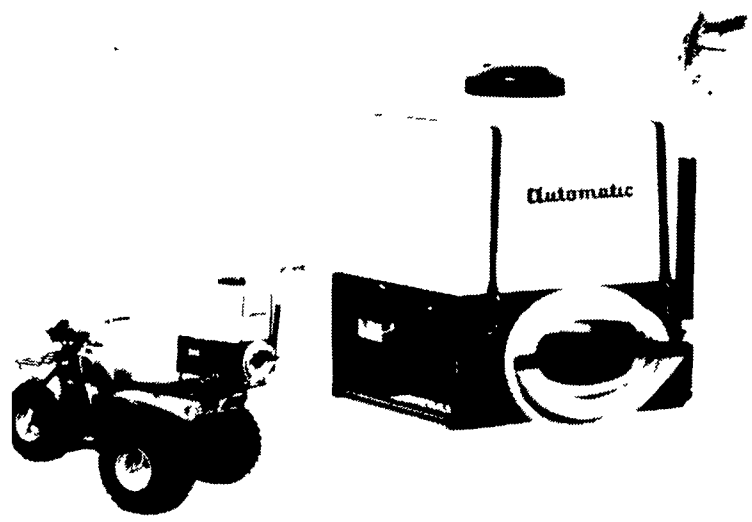
For further details contact the manufacturer, Automatic Equipment Mfg. Co., Department of NR, Pender, Neb. 68047 or the distributor, Ryder Supply, Box 219, Chambersburg, 17201, (717) 263-9111.



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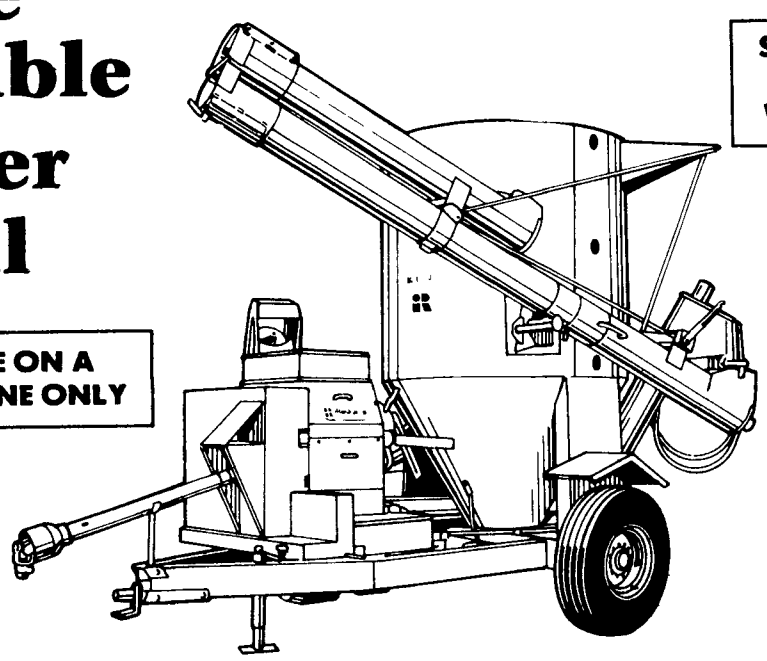

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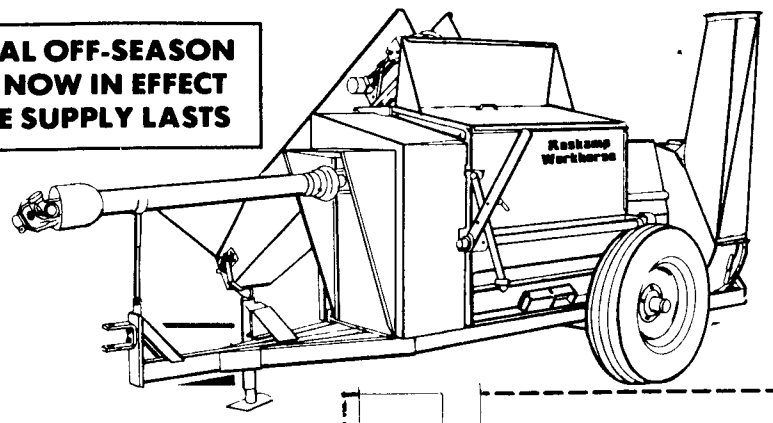

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Block calls for more ag exports

ORLANDO, Fla. — Calling "a healthy, prosperous agriculture our best line of defense in the world," U.S. Secretary of Agriculture John Block has vowed that he will not give up in his determination to expand U.S. agricultural exports.

Addressing the 65th Annual Meeting of the American Farm Bureau Federation, in the Orange County Convention Center on Friday, Jan. 13, Block said major challenges of three years ago had been met, as he ticked off, reduced inflation, lower interest rates and the removal of the grain embargo, as primary goals that have been accomplished.

Block recalled that it was at the AFBF annual meeting in Dallas, Texas, one year ago, that President Reagan initiated the PIK (payment in kind) program and said, "PIK achieved what it was designed to achieve... surpluses of grain are down."

He said another of his goals, the new long term grain trade agreement with the Soviet Union, has been completed with a 50 percent increase in minimum annual purchase levels.

Also important, Block said, was the establishment of guidelines which assure that federal marketing orders will be managed by the Secretary of Agriculture and his new program announced this year, to encourage improved soil conservation practices throughout the nation.

Conceding that not all of his personal goals have been achieved during the first three years of the administration, he said more must be done to feed the needy in the country. "But, the perception that much of the nation seems to have, that less is being done in the direction is simply not true. Actually, there has been a 25 percent increase in aid to feed the needy under this administration."

Other disappointments, Block said, were the failure to achieve control over price support loan levels and target prices and the fact that the nation's export volume has declined for the third consecutive year... "though that has now turned the corner."

In his major effort to expand U.S. agricultural exports, Block said he will continue to knock on the door to open markets with Japan, vowing to "press on in that direction until it is accomplished." Other needs cited included assessment of food and food policy needs around the world, establishments of dialogue with interested parties outside agriculture and preparation of a list of food and agriculture policy options. Block visualizes, as a step toward meeting those needs, the recently formed cabinet committee on food and agriculture, on which he serves as chairman pro tem.

Concerning future farm programs, Block said public demand will force reduced costs of government programs. Guiding factors will be that we must be competitive in world markets, or others will get the business. "We simply cannot afford to lose our competitive edge."

"We must erase the term of dependence on government from our vocabulary," Block said. The role of government is not to establish prices, but to maintain a climate for their establishment.

An important consideration for the 1985 farm program is that "producer benefits should not disrupt resource allocation or distort market signals."

Block said, "Thriving agriculture means jobs for our people and agricultural industry serving the world means power for America."

Block asked if government induced acreage reduction is in the best interest of agriculture. He urged Farm Bureau voting delegates to use their power as they have never used it before to answer that question, as they participate in policy decisions. He cited differences between price and production restrictions in peanuts and soybeans to exemplify the detrimental effects of production controls on market conditions.

Price support loan rates need flexibility so they will not destroy markets, Block said. He said if permanent policies to reduce agricultural production in this country were advanced, it would be detrimental to our future.

"Exports are our life blood," Block said, noting that commodities from one-third of our producing acreage, 100 million acres, depend on exports for a market.

Processing crops featured

DOVER, Del. — The sixth annual combined Delaware Vegetable Growers' and Potato Growers' meeting will feature a special session Wednesday afternoon for growers of processed vegetables. It will include an update on double row culture for tomatoes, plus reports on lima bean varieties, and insect and disease control.

A program for potato growers will be offered at the same time. In addition, the two-day meeting will cover a wide range of production, marketing and management topics. According to University of Delaware extension vegetable specialist Ed Kee, producers also will be able to attend the largest trade show ever offered in the event's six-year history. The meeting is free and open to all.

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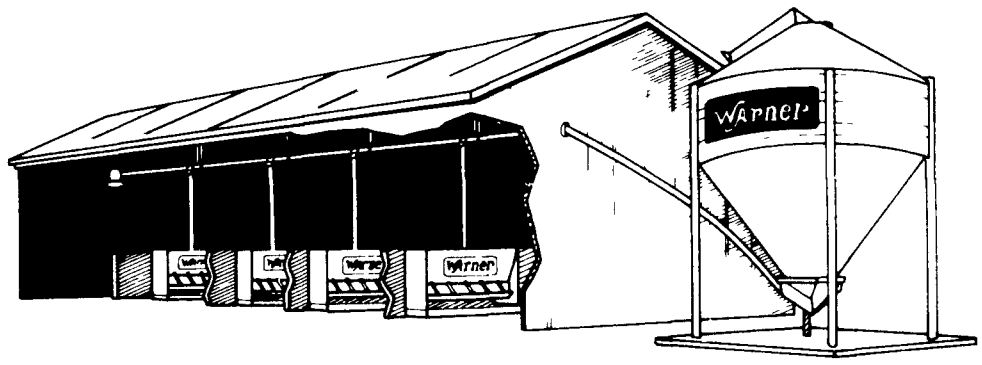

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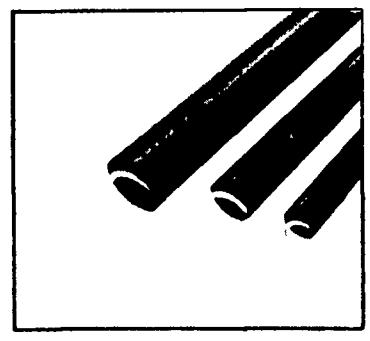

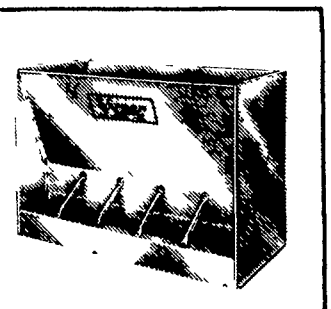

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McConnell gets Maple Producers award

FARM SHOW — Robert McConnell, Coudersport, was given the Award of Merit by the Pennsylvania Maple Producers Council at its annual meeting at the Pa. Farm Show.

Actively involved in producing pure maple syrup for 28 years, McConnell wholesales and retails syrup, cream and candy, and sells maple syrup equipment and supplies.

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A pioneer in the use of plastic tubing to collect maple sap, he assists others in installing the tubing so producers can learn how to get the best yield.

He was instrumental in organizing the Potter-Tioga Maple Syrup Producers Association in 1963. Appointed the organization's purchasing agent in 1964, he helped producers reduce their can costs by buying in bulk for members in the two county area.

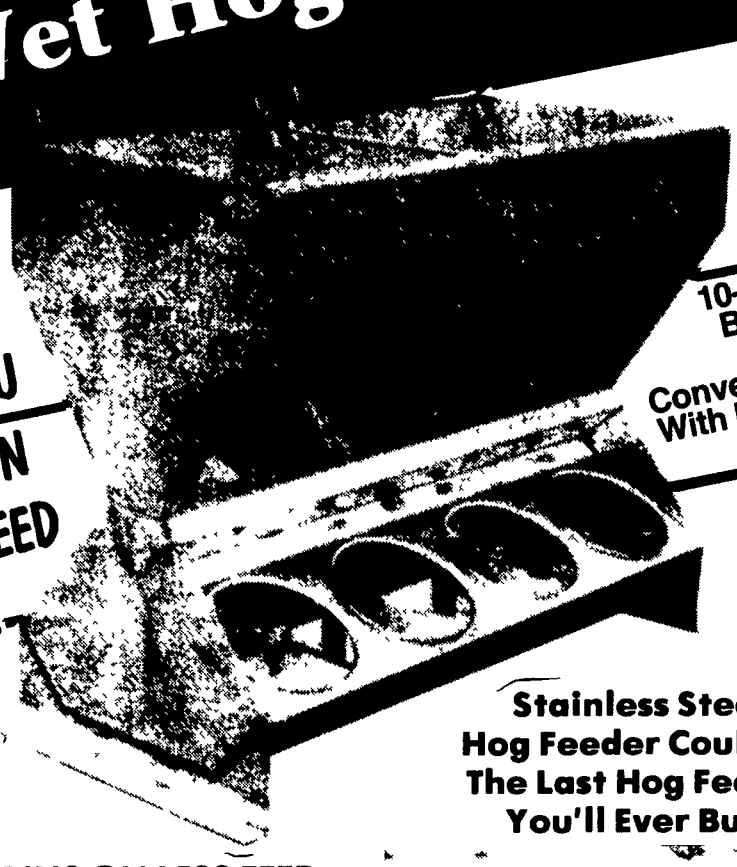
In 1966, McConnell was one of the organizers of the Maple Festival in Potter County, which includes a tree-tapping ceremony, a queen contest and sale of a variety of maple products. Since the festival was initiated, there has been a marked reduction in the amount of syrup being shipped out of the area.

McConnell was appointed by the Pennsylvania Maple Syrup Council to help oversee grading and shipping syrup to Wisconsin markets. This marked the end of the high quality syrup being shipped from Pennsylvania to other parts of the nation at relatively low prices.

McConnell is a charter member of the state council and has served as secretary-treasurer. He regularly attends the North American Maple Syrup Association's annual meetings. During Penn State's Ag Progress Days, he coordinated the maple syrup products sales booth.

Coudersport maple producer Robert McConnell was presented the Pa. Maple Producers Council's award of merit last week at the Pa. Farm Show. McConnell and his wife, Vera, display the trophy which they received from an association official.

Farmer Boy Wet Hog Feeder



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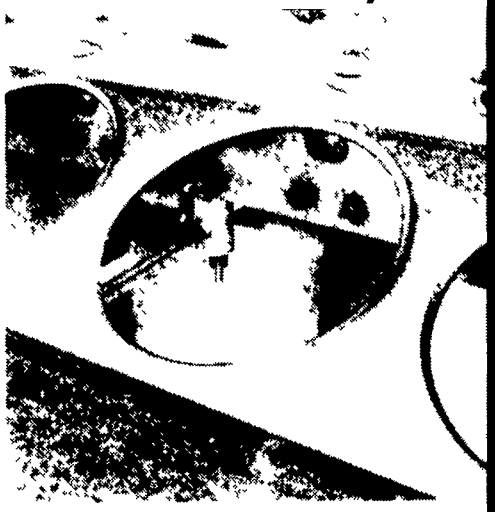

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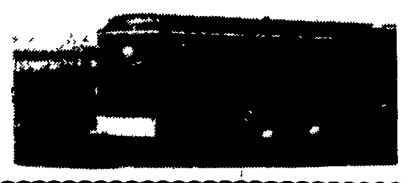

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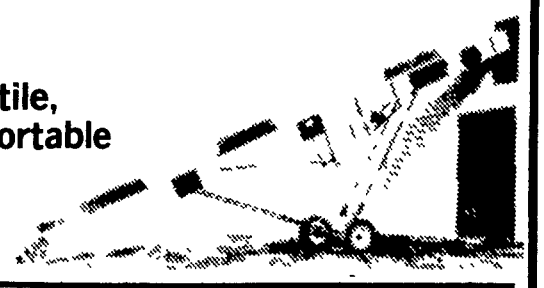

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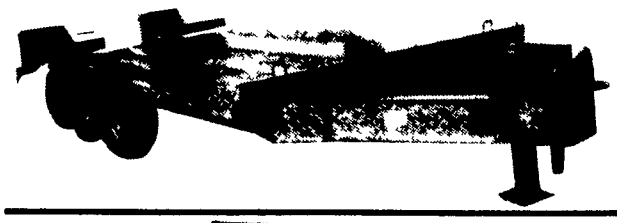

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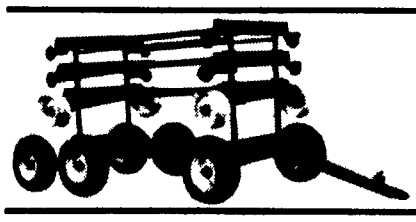

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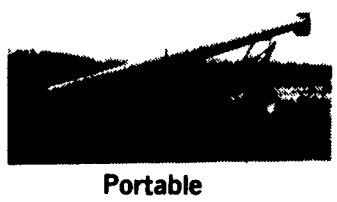

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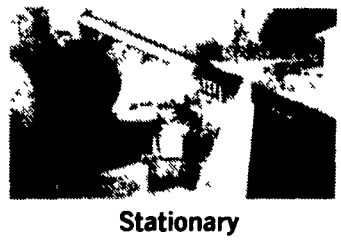

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
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Plan and Project

Planning is part of your job if you are operating a farm business. Unlike records, or budgets, planning can be exciting. This does not mean that there can be some drudgery in the preparation of part of the facts required to develop a unable plan. However it is interesting to speculate and plan or project the results into the future. Furthermore planning is a good way to dream about the coming crop season which is always a good tonic.

Plans

Planning can take many forms. First there is a simple cash flow projection that is itself a plan. You plan to spend $5500 for fertilizer in March. You plan to get $3500 for corn in October because this is what you are projecting to happen from past experience. Next there is the plan to improve production. You can project the results of this plan by developing a partial budget that includes the additional expense incurred as well as the additional income (Did you forget that?). Then there is the planning a person can do with linear programming. With this tool we can lay out plans for several years in the future. We can test the plan with price and production fluctuations to see if it is sound.

Plan Your Credit

Planned credit is seldom a problem. Planning credit means that you have already decided how it will be used and how it will be repaid. It is unplanned credit that causes you grief.

If you are having credit problems get someone to help you set up a workable plan to solve those problems. Try to get an expert. Who? Here are a list of possibilities (1) someone from your credit agency - if the first one can't or doesn't help you, try someone else, (2) someone from another credit agency - they may charge a fee or want your business, (3) an extension agent from Penn State - area farm management agent, county agent, or state management specialist or (4) your accountant if he or she has your full confidence and is qualified.

Learn how to calculate your debt repayment ability then use it when contemplating borrowing money.

Plan for Survival

1. Project what you will need each month this coming year then stick to it.
2. Analyze your 1983 records and squeeze out all the unnecessary unproductive costs.
3. Develop a family budget.
4. Work as hard with her head as you do with your back.
5. Don't borrow unless you know how you will repay it.
6. Work with your creditor on your repayment program.
7. Prepare for 1984 taxes starting now not a year from now.

Milk Diversion Program

Many dairymen are wondering if they should participate or not. Some have already made a decision. One question I have received is who will benefit or what trends do you see? After running or reviewing programs for over 50 dairymen, I am now ready to discuss trends. I was also able to get a few questions answered on the regulations so let's take a look at how it might affect you economically.

Who will benefit?

1. Dairymen who are phasing out their business.
2. Dairymen with 1983 milk sales equal to or below 1982 milk sales.
3. Dairymen who are milking 3 times per day in 1982 and want to cut back to 2 times per day in 1984.
4. Dairymen who are overcrowded facilities especially where it affected efficiency of feed use or production level per cow.
5. Dairymen who had poor feed efficiency for any reason.
6. Dairymen who for any reason wanted to cut down on their business.

Who will not benefit?

1. Dairymen with high debt loads who intend to stay in business and are willing to institute the management changes necessary to become more efficient.
2. Dairymen who sell and wish to continue to sell breeding stock.
3. Dairymen who have 1983 milk sales that are 15 percent or more above 1982 milk sales.

Some Questions

There are a number of questions a farmer should consider before making a decision.

1. What happens if you are on a base-excess marketing plan now? Answer: Under present regulations you can reduce your milk marketed for 2 quarters in excess of your contract reduction - then increase for 2 quarters to keep your market base up - then decrease for the 5th quarter. Your reduction must be within 3 percentage points of your agreed upon reduction for the 15 months. Example: Contract to decrease by 15 percent - For quarters 1 and 2 (thru June), actually decrease by 25 percent. Bring production back to normal for period July thru December to establish market base. Now comes the tricky part - since you agreed to a 15 percent reduction for the 15 month period, you must make the final adjustment for the January thru March of 1985 period. This will require some records and careful calculations.
2. What is meant by 3 percentage points leeway? Answer: At present it means that if you agree to reduce by 15 percent, you will evidently be paid for a reduction of up to 18 percent. Now watch out because it also means that if your reduction is less than 12 percent you may be subject to a repayment of money received plus a penalty.
3. What if I don't make the contract reduction? Answer: At present you may have to repay money received plus pay a penalty. There does not appear to be any partials in the program. Your contract of 15 percent means that a 10 percent reduction is a breech of contract.
4. What steps are necessary to sign up? Answer: First you will have to establish a base. To do this you will need 12 milk slips from 1982 or 24 milk slips from 1981 and 1982. There are a few exceptions. For more detail contact your local ASCS Office.
5. Can I sell bred heifers if I am in the program? Answer: It appears as though the answer is a big NO.
6. I have a milk check assignment, will there be an adjustment on it if I sign up? Answer: Lending agencies have made no formal policy on this but most of them say they will handle it on an individual borrower basis. See your lender for an answer.
7. Can I sign up then go out of business during the 15 months? Answer: Present regulations do not prevent this.
8. Who provides the waivers for animals I sold for dairy purposes prior to January 1, 1984 if I want to participate? Answer: Evidently the local ASCS Office can do this.
9. If I sign up and want a quarterly payment when would I be able to get my first one? Answer: Probably sometime in May - after you receive notice of the amount milk you sold in April and after you fill in the request form - it appears as though this check will be issued by the local ASCS Office so there should be a minimal delay.
10. What happens if I sign a contract then want to discontinue? Answer: Once you sign the contract you're locked into it. There is no such thing as backing out.

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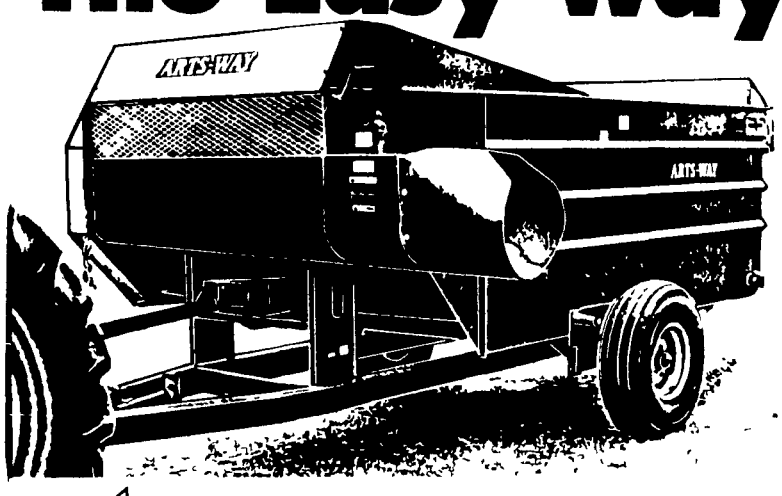

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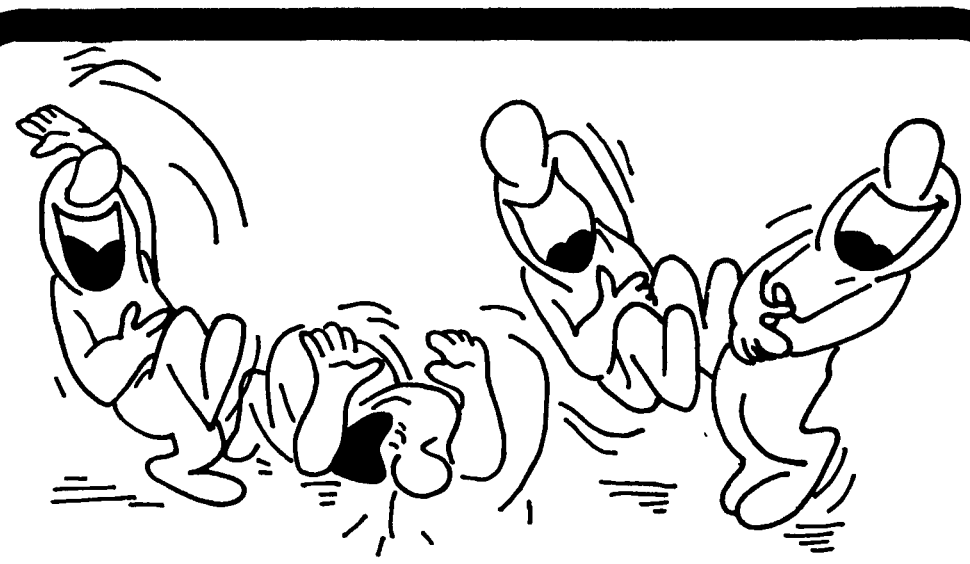

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Lebanon County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

December Report

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Willow Maple Farm	3	43 6	91 3	21,563	776
Roy E Nolt	B3	51 2	84 4	19,800	716
Dale Hostetter&Sons	3	91 0	86 1	18,112	715
Raymon&Marlin Getz	3	58 9	83 7	18,795	714
Conewago View Farms	B3	71 2	87 7	18,962	702
Elvin Martin	B3	55 9	87 2	19,875	699
Hoover Farms	3	83 3	86 4	18,243	696
Marvin K Meyer&Sons	B3	103 2	90 1	18,071	695
Donald G Hoffer	B3	43 1	87 1	18,518	691
Gary Lentz	3	70 1	86 0	18,991	688
Mervin W Horst	B3	41 7	86 9	19,147	686
Richard L Heilinger	B5	17 4	87 4	16,048	683
Arnold Acres	3	114 1	87 0	18,357	681
Mark H Bomberger&Son	B3	79 7	88 0	19,001	676
Eugene R Houser	3	30 6	89 1	17 754	676
Lentzdale Farms	B3	75 4	87 4	18,303	676
Robert Martin	B3	51 6	85 6	18,199	675
Fort Zeller Farm	B3	48 3	87 0	18,014	675
Kirby L Horst	3	45 2	86 1	17,909	673
Kenneth Mase	B3	90 3	87 2	18,037	672
M Luther Rennetch	G3	71 1	86 6	16,682	672
Roy H Weaver	3	58 4	87 9	18,832	670
David Brandt	3	72 1	88 5	18,374	668
Marlin D Heisey	B3	41 0	86 2	18,431	664
Marlin M High	G3	44 1	85 7	18,783	659
Gary Mase	B3	30 7	80 3	18,121	659
Dennis Wampler	B3	88 9	88 1	18,576	658
Ronald Kelchner	B3	61 7	84 5	18,623	655
Harvey T Bomgardner	3	92 7	85 7	17,464	655
Philhaven Farm	3	100 8	89 9	18,331	652
Reuben O Martin	B3	67 2	86 7	18,529	652
Phares Z Musser	3	87 4	87 4	16,417	652
Isaac E Zimmerman	3	22 6	88 1	16,295	650
John Brubaker	B3	48 1	87 9	18,306	645
Earl Smith	3	38 9	89 0	16,984	644
Ernest P Detweiler	B3	55 5	82 9	18,703	644
Robert B Smith	2	67 3	86 2	13,506	643
Vincent A Wagner	3	46 0	86 1	17,995	643
Irvin Z Brubaker	B3	46 8	86 7	18,142	642
Walter K Heisey	B3	54 0	86 8	17 919	642
Hoover Farms No 2	B3	53 9	86 1	17,684	638
Eugene Martin	B3	89 7	86 2	17,324	638
Arthur R Krall&Son	3	66 1	87 0	17,620	637
Daniel B Shirk	3	36 1	87 4	17,411	637
Lester Martin	B3	57 0	90 1	16,970	636
Ferndale Farms	3	83 8	83 5	16,866	635
Bucher Brothers	B3	39 6	83 8	18,573	634
Hershey Bare	3	87 4	86 2	16,656	633
Lloyd Burkholder Jr	B3	53 6	84 8	18,161	632
Mark C Patches	B3	94 6	87 4	16,041	630
Richard&Donald Shirk	3	80 2	86 2	16,315	626
Wernerway Farms	B3	125 8	86 8	17,145	625
Melvin M Nolt	B3	52 2	86 7	16,811	624
Enos N Leinbach	3	31 0	92 2	17,040	623
Lloyd S Newswanger	B3	74 4	84 5	17,898	620
Richard L Heilinger	B3	24 8	85 9	17,154	619
Gideon A Fisher Jr	G3	32 2	85 8	17,999	618
San Bo Holsteins	3	78 5	83 4	16,945	616
Wilmer S Reiff	B3	61 4	86 7	17 355	616
James&Pamela Berry	B3	50 2	88 9	16,813	613
Richard Batz	3	28 5	88 7	17,825	610
Leon M Burkholder	B3	42 0	87 8	16,441	609
Jesse L Weaver	B3	48 1	87 7	17,134	607
Ernest Wagner	3	39 2	87 7	17 217	607
Clyde E Deck	B3	71 6	85 6	16,544	605
Sonnen Acres	B3	126 9	83 0	16,441	605
Moses O Martin	B3	66 5	87 3	17,269	600

CECIL CO. DHIA
November, 1983

Following are the top ten herds for November 1983 in Cecil County participating in the DHI program These results are based on a Fat Corrected Milk basis FCM allows the comparison of milk production records, varying widely in percentage of butterfat and thus differing in energy values

Cherry Valley Farm	136	48 9	1 98	53 2
Pioneer Valley Fm	140	51 7	1 88	52 8
Albeck Farms, Inc	195	46 3	1 89	50 7
Far View Farm	90	49 2	1 80	50 5
Long Green Farms	131	47 8	1 78	49 5
Merryman/Dolinger	41	46 9	1 79	49 4
England Farms, Inc	65	38 1	1 92	47 6
Pleasant View Farms	63	43 9	1 67	46 2
Zion Meadows	97	46 6	1 59	46 0
Wil-O Mar Farm	96	42 1	1 69	45 6

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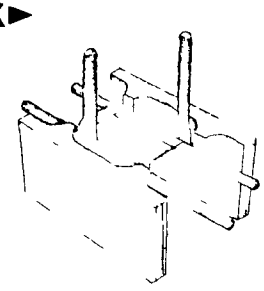

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Mifflin County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

November, 1983

Herds 600 Lbs. Fat & Over

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS. FAT
E Clair Fisher	H	49 7	90 3	19,075	746
David T Hostetler	H	34 2	91 8	19,188	722
Percy S&R Glenn Yoder	H	82 2	88 3	19 177	717
Bradstead Farm	H	37 2	90 3	19,001	710
John A Peachey	H	55 5	88 7	19 932	703
Joshua D Yoder	H	51 6	88 9	18,575	700
Moses J Zook	H	50 3	87 4	18,609	696
Sylvanus S Peachey	H	89 0	90 5	19 100	695
Mark S Yoder	H	84 9	84 9	17,921	693
Fred C Myers	H	23 3	89 6	16 450	683
John M Byler Jr	H	38 5	85 8	18,800	679
G Sheldon Peachey	H	42 1	86 9	18 614	670
Peachee Farms	H	74 4	87 0	18,277	670
Marvin E Peachey	H	54 4	86 5	17 888	670
John L King	H	47 0	87 6	17,311	669
Merle E Yoder	H	36 0	88 9	18 311	669
James L Hostetter	H	45 0	90 6	17 134	667
Paul H Yoder	H	53 4	88 2	18,105	666
Robert Stayrook	H	28 2	86 9	16 973	662
J Loren Yoder	H	31 2	89 9	18 143	661
Marvin R Kanagy	H	42 9	88 5	17 951	655
Louis S Yoder	H	44 5	86 2	17 631	654
David R Spicher	H	75 5	89 5	17 777	652
Charles L Forgy	H	50 7	86 7	17 750	651

High Cows and Heifers 750 Lbs & Over

OWNER NAME OR NO.	BREED	AGE	LBS. MILK	LBS. FAT
Irvin H Fleming				
Rhajean	H	6 6	24 493	766
Moses J Zook				
Carrie	H	4 4	19 811	851
Yoderstead Farm				
Isabell	H	5 8	24 713	828
Elaine	H	3 9	25,234	966
Cristy	H	3 7	18 179	756
Aungst Farm				
#389	H	6 9	19 885	776
Leon K Donahey				
Hope	H	5 9	21 464	744
Jesse S Yoder				
Cristy	H	6 1	22 954	920
David R Spicher				
Adele	H	6 10	18 382	758
Kae	H	4 2	22 680	765
Billy	H	3 1	21 447	793
John L King				
Marty	H	5 11	20 013	764
Lola	H	4 11	23 054	776
Julia A King				
Reba	H	4 0	25 499	834
John A Peachey				
Starla	H	10 8	27 234	893
Andy Davis				
#82	H	6 0	20 948	922
John K Kauffman				
Patsy	H	0 0	26 659	937
Sherry	H	5 0	23 446	776
Mark S Yoder				
#27	H	5 11	19,245	786
Delmar King				
#78	H	5 3	19 538	771
John B Peachey				
#75	H	3 3	21 773	847
E Clair Fisher				
Shira	H	6 0	26 262	896
Louis S Peachey Jr				
#37	H	6 6	21 676	762
Ezra B Kanagy				
Jewel	H	5 9	20 009	850
Dry House Farm				
#321	H	6 4	18 524	767
Charles L Forgy				
#59	H	4 2	20 592	867
Paul H Yoder				
Hope	H	8 6	22 860	844
John M Byler Jr				
Maxie	H	4 3	20 617	752
Spice	H	3 1	18 603	831
J D Glick				
Jamie	H	4 3	16 483	829
Marvin R Kanagy				
Mable	H	7 6	25 767	846
G Sheldon Peachey				
Jerry	H	4 2	26 472	792
J Loren Yoder				
Dixie	H	5 5	21 753	742
Joseph A Byler				
Kay	H	8 0	22 360	752
David T Hostetler				
#41	H	5 6	22 680	843
James G Laughlin				
Jean 43	H	8 8	19 665	767
Aquilla I Yoder				
#12	H	0 0	19 998	750
#25	H	3 3	20 551	751
Bill & Karol Wingert				
Mowry	H	0 0	24 321	850
Marvin E Peachey				
Trinda	H	9 10	18 752	847
Jewel	H	5 6	22 841	751

POTTER COUNTY DHIA
November, 1983

Ivan Smoker&Sons	RH	97 4	87 0	21,168	763
Ivan Kibbe Jr	RH	93 2	89 6	17,950	709
Jack Thomas Sr	M	42 1	88 1	18,924	701
John C Traub	R&GH	42 3	84 7	18,443	675
Guy Dunn	RH	53 5	88 9	17,764	665
Kevin Risser	R&GH	93 2	84 6	18,842	665
Robert Francis	RH	41 8	81 3	17,547	661
Jay N Heisey	RH	75 3	85 5	17,957	652
George Barker	RH	59 6	81 5	18,205	651
R-Own Farms	RH	63 7	85 3	17,110	636
Gene & P Thompson	R&GH	77 6	85 1	18,091	623
Robt Fowler&Sons	R&GH	67 3	87 8	17,555	619
Carl Erway Farm	GH	101 2	85 2	17,525	611
Snyder Farms	RH	36 9	86 0	17,027	611
Dale Hoffman	RH	59 4	88 5	18,495	609
Titus Risser	R&GH	80 3	86 7	17,228	608
Alvin Miller & Son	RH	94 1	89 1	15,983	608

Potter County Cows With Lactations Over 750# Butterfat For November

Guy Dunn						
Trixy	H	4 5	305	21,301	4 3	924
Bing	H	2-11	286	20,117	4 1	817
Ivan Kibbe Jr						
Marie	H	7 1	305	20 361	4 3	873
Frosty	H	5 5	305	21,918	3 7	810
Topsy	H	6 3	296	18,538	4 1	754
Jack Knowlton						
Quinn	H	5 1	305	26,098	3 1	817
Ivan Smoker & Sons						
Daphne	H	2-4	305	22,136	4 1	908
Judy	H	7 11	305	24,322	3 4	820
Dawn	H	7 10	305	17,988	4 2	751
Bethann	H	7 5	290	22,840	4 2	962
Emerald	H	5-3	295	22,981	3 5	798
Alvin Miller & Son						
#274	H	6 1	305	20,326	3 7	751
Judy W Breeden						
#88	H	5-0	305	16,867	4 5	761
Robert Francis						
Fordsie	H	8 4	298	19,941	4 3	852

(Turn to Page D19)

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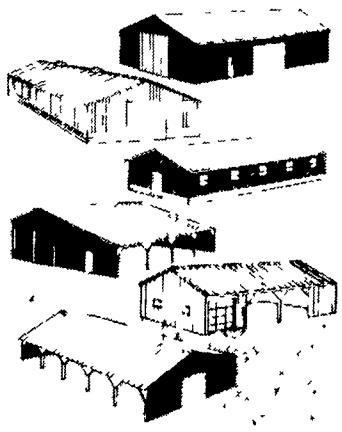

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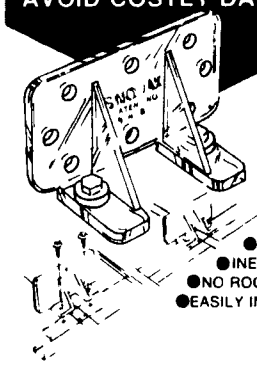

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COLUMBIA COUNTY DHIA
Annual Report 1983

The Columbia County Herd Improvement Association finished its forty fifth year September 30 1983 with 39 full year herds In addition 7 owner sampler herds completed the testing year

Thirty six herds with an average of ten or more cows had an average of over 400 lbs of butterfat Following is a list of herds With an average of 600 lbs of butterfat

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS FAT	% FAT
Frank L Jurbala	3	45 2	89 3	21 474	798	3 7
Richard Kriebel	B3	45 7	91 3	19,583	740	3 8
Circle C Farms	B8	25 2	86 4	18,662	704	3 8
Shultz Bros	3	70 3	88 6	17,480	701	4 0
John W Turofski	G3	33 6	84 3	19,332	693	3 6
Robert C Bronson	B3	55 1	89 8	18,376	681	3 7
Richard Yule	3	42 6	85 5	18 794	662	3 5
Richard Kriebel	2	19 5	89 4	13,320	656	4 9
Barry D Wise	B3	50 2	87 1	17,642	653	3 7
Tri Vale Farms	B3	37 4	86 8	15,863	647	4 1
Pen Col Farms	3	131 8	73 2	16,729	623	3 7
Duane E Shuman	B3	23 7	85 0	17,662	622	3 5
Hunter Crest Farm	3	45 1	80 2	18,762	615	3 3
Fairwood Farms	3	175 4	84 8	16,068	602	3 7

INDIVIDUAL LIFETIME PRODUCTION RECORDS

The following cows received recognition for their lifetime production having produced 100,000 lbs or more of milk or 5000 lbs or more of butterfat

OWNER NAME OR NUMBER	BREED	AGE	LBS. MILK	LBS. FAT
Pen Col Farms				
Angie	3	12 04 70	196,425	8146
Milly	3	09 15 72	199,339	7156
Dandy	3	06 06 71	179,654	6586
S Della	3	12 12 69	200,326	6420
Patsy	3	09 17 74	131,010	5670
B Jan	3	01 31 73	150,645	5486
Lorri	3	11 29 73	136,748	5401
Midnite	3	07 03 72	125,473	5309
Zipper	3	04 15 73	155,797	5294
Criss	3	12 06 72	143,576	5221
Eloise	3	09 05 74	135,231	5120
Anita	3	05 20 74	126 124	5061
Zeta	3	05 07 74	115,827	5006
Blackie	3	07 04 74	125,430	4961
Polly	3	10 01 70	128 552	4762
Panda	3	11 03 75	132 932	4625
Destiny	3	01 06 75	118 226	4620
Queen	3	08 19 75	146,864	4567
Petra	3	01 20 74	106,917	4516
Denises	3	11 19 73	118,014	4452
Bell2	3	09 29 70	119,179	4415
Mitsy	3	11 26 73	123 475	4431
Ruby	3	02 16 71	106,843	4272
Loraine	3	12 14 75	96 881	4047
Cooky	3	10 10 74	102,901	4002
Lass	3	07 21 75	118,961	3910
Anna	3	04 17 76	102 938	3901
Meg	3	09 13 75	107 051	3736
Viv	3	08 16 74	103 977	3696
Shultz Bros				
39	3	06 09 71	183 704	7763
65	3	05 19 72	169 176	7006
12	3	07 23 72	139 476	6781
9	3	07 18 73	131 896	6432
51	3	06 24 73	151 858	5744
41	3	01 26 74	143 480	5230
49	3	08 25 75	102 983	4749
54	3	11 23 73	121 373	4685
44	3	12 01 75	99 794	4487
45	3	07 15 74	109 865	4410
Fairwood Farms				
21	3	01 06 68	176 313	7371
28	3	12 21 68	170,831	6376
136	3	01 23 72	126 396	5728
11	11	03 04 71	140,660	5690
132	3	01 03 72	120,346	5604
7	3	05 15 73	112 870	5498
144	3	05 04 72	127 886	5111
12	3	04 16 73	117,886	4758
162	3	10 16 72	101 152	4572
194	3	06 11 73	84,680	4213
George W Duncan				
113	3	01 02 71	142,047	6497
137	3	03 03 73	131 858	5404
132	3	09 01 71	120 943	5333
29	3	07 14 69	131 231	5275
123	3	04 06 71	118,304	5270
128	3	03-12 72	124,896	4507
150	3	08 05 73	107,186	4305
161	3	01 01 75	100,285	4210
164	3	09 09 74	112,720	3815
Lyons Den Dairy				
Space	3	08 11 70	143,762	5879
Judy	3	07 06 73	127,691	5073
Betty	3	07 04 73	122,109	4700
Molly	3	06 23 72	133,601	4685
Shirley	3	11-09 73	137,769	4629
Gail	3	08 03 74	116,208	4338
Yahoo	3	03 20-73	105,167	4290
Betsy	3	01 11 75	111,460	4196
Nola	3	02 20 74	109 397	4142
Rita	3	03 15 75	101 976	4031
Richard Kriebel				
Rosa	3	08 01 73	138,638	5705
Glamour	3	06 05 73	134,514	5536
Harmony	3	10 22 73	105 848	4047
Virginia	3	08 06 75	102 555	3899
Cindy	3	08 30 73	104 737	3654
Jack W Dent				
Madge	3	08 24 71	122 396	5559
Hannah	3	01 10 73	134,037	5294
Heather	3	01 04 73	132,538	5267
Chip	3	07 01 74	99 363	4065
Dan Walk				
Tiny	3	12 01 71	123 614	5010
Sherry	3	08 31 74	102 206	4740
Whitey	3	10 02 71	128 342	4740
Debbie	3	10 29 73	92 248	4503
117	3	11 12 73	97,473	4223
Marge	3	05 30 75	105,540	4117
115	3	11 13 73	114 402	3966
Robert C Bronson				
G Claud	3	01 29 72	132 353	4972
Sally	3	11 21 73	120,342	4318
Lorie	3	04 28 74	111 664	3760
Spot	3	01 28 73	113 656	3723
Frank L Jurbala				
Tulip	3	08 16 75	111 867	4726
Bobby	3	07 19 74	132 877	4420
Tanya	3	07 18 75	100 607	4278
Sandy	3	10 05 73	131,314	4271
Alan	3	05 22 74	117 992	4258
Pebbles	3	02 19 74	123,038	4011
Dawn	3	05 03 73	110 257	3903
Glen Bowman				
12	3	08 20 69	121 086	4700
40	3	10 15 72	94 443	4170
William Bissinger				
Tiny	3	11 16 72	128,495	4666
Dode	3	04 19 75	116,083	4584
Sherey	3	12 03 75	95,752	4430
Marie	3	04 16 74	102,831	3816
Robert L Schlichter				
Martha	3	11 02 72	113,142	4618
Hunter Crest Farm				
Sugar	3	01 15 74	115,170	4574
Annabel	3	01 10 72	124,282	4421
Button	3	11 17 69	123 010	4201
Beauty	3	02 22 74	106,996	3851
Robbins Farms				
371	3	07 17 73	143,404	4542
375	3	11 10 73	121,968	4435
382	3	11 23 73	94,794	4086
381	3	09 95-73	100,741	3874
392	3	01 02 74	103,446	3742
403	3	04 26 74	103 585	3432
Kenneth Hackett				
Marsha	4	12 14 73	84,364	4494
Ann	4	09 22-73	91,926	4184
Al Hack				
Bea	2	12-07-73	82,917	4355
Tage	2	01 02-75	84,711	4186
Thunderbird Farm				
Stella	2	04 13 73	84,991	4137
Flora	3	10 07 73	109,174	3825
John W Turofski				
Cathy	3	12 20 73	113,312	4077
Peggy	3	11 01 75	110,564	4076
Ellie	3	05 03 75	109,985	3797

Potter Co. DHIA

(Continued from Page D18)

Charles M Cornell						
Mick	H	8 2	288	17,508	4 3	760
Jay N Heisey						
Princess	H	5 7	305	26,164	3 3	854
Romance	H	4-8	305	22,890	3 5	811
Molly	H	3 5	305	21,299	3 7	782
John H Lehman						
Larie	H	10 5	305	18,783	4 1	774
James Cady						
#32	H	7 1	305	25,442	4 1	1015
#26	H	7 11	305	18,681	4 4	819
Robert Fowler & Sons						
Melan	H	7 2	305	21,175	3 8	804
George Barker						
Crystal	H	9 2	283	20,317	3 7	761

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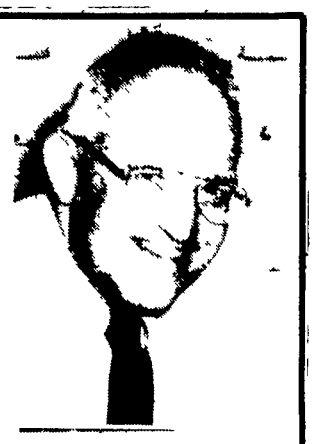


TOM JURCHAK
County Agent

Few Surprises

There were few surprises in the regulations implementing the Milk Diversion Program of the Dairy and Tobacco adjustment Act of 1983 when they were released recently.

We know now that the miximum variation in butterfat before penalties start is five tenths. In other words, if your average butterfat for the quarter was 3.5 per cent that you reported on your "Request for a Milk Base" your butterfat in the same quarter this year could go up to 4.0 per cent with no change in your diversion payment. Beyond that the payment will be reduced by $2.00 a hundred for the extra butterfat over 4.0 per cent. This is to meet the requirement of the law that calls for payment of adjustments "if there is a marked deviation in the composition of milk marketed". Nothing is mentioned in the regulations about solids not fat.

Nothing is said in the regulations about selling "purebred" cattle for breeding purposes to producers without a contract. This may have to be a case by case decision to determine if the sale defeats the goals of the program so don't gamble on that until you get approval. The regulations only approve sales for slaughter; to another contractor or for export with no chance of their returning to this country. This includes all heifers born before April 1, 1983. Leased cows are also included and cannot be simply returned to the lessor to reduce production. When you complete your Milk Reduction Plan you'll have to list all the cows and heifers sold since November 8 but once the program starts you'll have to report all cattle sold or transferred within seven days of the sale and to whom. Verification of slaughter is still a question but the responsibility is on the producer and not the cattle dealer.

Payments will be made quarterly on application by the contractor but after the first quarter the payment will be determined by considering all the previous quarters. In other words, the payment isn't made on the basis of your performance in a single quarter but on your reductions from the start on January 1, 1984.

If you or your family have an interest in other dairy farms, this and the milk marketed from them, has to be reported in your contract. 1984 marketings from these farms must also be checked for any increases (if they are not under contract) before payment is made.

Adjustment of bases for adnormal production can be made by the County ASCS Committee using the average marketings of 1980; 1981 and 1982 for the "abnormal period" then calculating the base in the usual way using calendar 1982 or an average of 1981 and 1982 marketings. The deadline for contracts is still January 31 but the deadline for establishing bases is January 27 and that includes your evidence of marketings during the base period.

Finally, the most surprising thing to me was the modification of contracts. Once you sign the contract [illegible] will be no opportunity for you to withdraw it if it is "modified" by the Secretary. However, nearly everything in the regulations refers to modification only if the total amount of reductions on the program is a threat to an adequate milk supply. That ,of course, is a judgement call but when you consider that we now have a 12 per cent surplus it would take much more participation in the Milk Diversion Program than anyone expects right now. In addition, modification, if used must be applied uniformly over the whole country and not by geographic or marketing areas. Example - if the total reductions in the program amounted to 10 per cent of the present supply and the Secretary felt that was too much he could change all contracts by lowering the reduction by two per cent or whatever he thought would insure an adequate supply. He would also have to consider increases in production by dairy farmers who are not under contract.

Much of the time in the Conference Committee meeting was spent on protecting beef, pork and poultry prices from culled dairy cows but little or nothing is mentioned in the regulations about this but it will be considered. A summary of all the contracts in the country will be in Kansas City by February 2 so any modifications that are needed will certainly be made by the following week. If you participate, however, you will want to start making your reductions from January 1 because by February 15 you're half way through the first quarter.

You're allowed to do about anything you wish to reduce your marketings but you can't give away the milk to anyone or make butter or cheese (or any other dairy product) and sell that. Perhaps it would be all right if you stored the products until after March 31, 1985 but check with your ASCS director fist.

All the Pieces

So, all the pieces are now in place and County ASCS Directors will be attending training sessions in Pennsylvania on January 10 and 11 and county meetings for all producers will be held soon after that. All the forms for establishing your base; making a reduction plan and a contract are all available in your ASCS office. All that remains is your decision on whether or not it is profitable for you to participate. Your Cooperative Extension office can help you with that but don't wait too long to request assistance from them or anyone else. Also check with your handler to determine the effect of your reduced marketings on your relationship with him.

More Help

The television program made by Cornell University on "The New Dairy Bill - What Can Farmers Do?" will be shown over WVIA-TV, Channel 44, in Scranton at noon on Saturday, January 14, and all week during the Pennsylvania Farm Show at the Penn State exhibit by Jack Kirkland, Extension Dairy Specialist. Also, your county Extension agent has a mimeograph by Dick Adams of Penn State on "Reducing Farm Sales of Milk" that will be helpful in making your Milk Reduction Plan.

Potato session Wednesday

DOVER, Del. — The potato session at the Delaware Vegetable Growers' Meeting Tuesday and Wednesday at the Sheraton Inn in Dover will begin at 12:15 Wednesday in the Sheraton's Mile High Lounge with a luncheon sponsored by FMC, Union Carbide and DuPont Chemical companies.

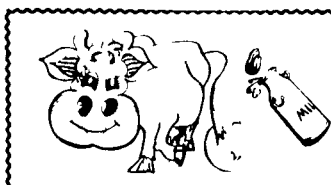
Grower Joe Jackewicz, Delaware representative to the National Potato Board, will discuss the board's pending referendum during the noon portion of the meeting. National Potato Board member Nate Churchill will also be on hand to answer questions and make a report. Reservations for the free luncheon are required and can be obtained by contacting University of Delaware county extension agent Bob Hochmuth at 736-1448.

No reservations are needed for the afternoon part of the program, which will be held in Parlor A on the inn's main floor. This will feature a talk by Dale Moyers, extension agent from Suffolk County, Long Island, on current efforts of growers there to control the Colorado potato beetle.

"Though Delaware producers have had trouble with the beetle, so far the problem hasn't been as severe here as on Long Island, where the pest quickly developed resistance ot insecticides, thus limiting the number of effective control materials available," Hochmuth says. "In Delaware, resistance has been slower to appear, so we still have good materials available in several different classes of chemicals. This allows us to rotate our insecticide sprays among classes, which is the most effective program for control. A good chemical rotation generally delays the development of resistance."

Following Moyers' talk, Hochmuth and Delaware extension entomologist Mark Graustein will lead a panel of growers and aerial applicators in a discussion of 1983 and 1984 insect control programs.

Bill Mapp of the Virginia Department of Agriculture also will report on the potato marketing outlook. The session will end with a presentation by Delaware extension vegetable specialist Ed Kee on his variety trials and russet potato fertility research.



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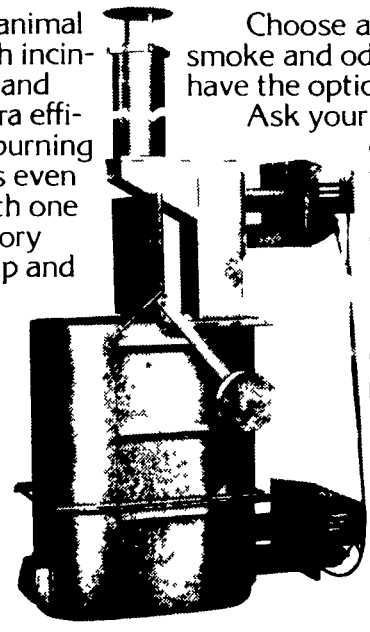

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Farm Talk

by

Jerry Webb

Delaware Extension

America may be looking to its farmers for a new source of energy beyond the much-talked-about gasohol. Some forward thinkers in the energy business are talking about wood farms that would provide a sizable portion of the energy needed for the future.

At best it's only a partial alternative to high-cost fossil fuel, but it is an alternative and for some it may be a very important one.

There was a time in this country, 100 years ago or more, when wood was the prinicpal source of fuel. Statistics show that 91 percent of the fuel consumed in 1850 was wood. It was burned in stoves and furnaces and fueled the many fireplaces that warmed our homes before the advent of natural gas, fuel oil and other petroleum-based products. But wood burning went out of style. It was replaced by coal and then by all those other energy sources up to and including nuclear energy.

But now some researchers are talking about a return to wood burning, and this goes beyond the current interest in wood stoves and fireplaces in homes. These researchers are talking about fuel wood farms that would consist of densely planted, fast-growing trees. These farms would be harvested every two or three years to provide what the researchers call wood biomass. This would then be processed and used for fuel.

Right now wood makes up only one percent of America's energy requirements. But some researchers think that figure could be doubled. That would still be only two percent, but when you consider that the Alaskan pipeline provides only one percent of our petroleum you quickly see that stepped-up wood production could be very important.

Once the technology is finalized, wood farming could be an important agricultural enterprise. It's doubtful that it would replace corn and soybeans on the Delmarva peninsula but in some of the less tillable places in nearby states, wood farming might be an attractive alternative. It might use land that would otherwise be left idle or used only for limited grazing — land that right now isn't doing very much.

Wood farming is not all profits and new energy. Conservationists think it could have a serious impact on the environment. They fear that acres not suited to cropping would be plowed-up and planted, thus causing erosion, water pollution, and all that goes with that kind of activity. Also, they fear that fuel wood farming might alter the eco-system by encouraging certain species of animals, such as elk and deer at the expense of other species.

Of course, consumers might be concerned that these fuel wood farms would take land away from food production, and that could happen, depending on its profitability. If it were financially worthwhile, a farmer might plant his land to trees that would require harvesting every two or three years instead of the annual planting and harvesting necessary for row crops.

A farmer approaching retirement age might seed his land to trees, thereby reducing his farming involvement and yet maintaining some agricultural productivity. He could plant the land and go on an extended vacation if he wanted, returning only long enough to harvest and replant.

It is doubtful that fuel wood farming would become profitable enough to pull important acreages away from food crops. Instead, marginal land will probably be used and the total agricultural base increased. But it would provide an alternative if the price was right.

Researchers have already developed some species of fast-growing trees that can produce an amazing amount of wood farming for paper production and perhaps for use by chipping plants that make particle boards and imitation 2x4's.

What form the new wood energy would take is not totally clear to me. Perhaps this new fuel would be in the form of charcoal-like products or maybe small pieces that could be burned in the furnace like coal, or perhaps it could be compressed into larger chunks suitable for a fireplace or wood stove. It's funny how as researchers start looking for ways to solve our energy crisis they turn back to the land and back to technologies that were left in limbo 50 or 100 years ago. Suddenly everyone is rushing around trying to recapture the wood stove knowhow that was commonplace a century ago. And now we're talking about replanting the land to trees so that we can cut them down and use them for fuel, and that's just where we were two centuries ago when this nation was settled — cutting down trees to make farms and then using the wood for energy and building materials. Now we are talking about converting those farms into forests so we can repeat the process.

It's an interesting thought, one that might put a whole new set of pressures on American agriculture.

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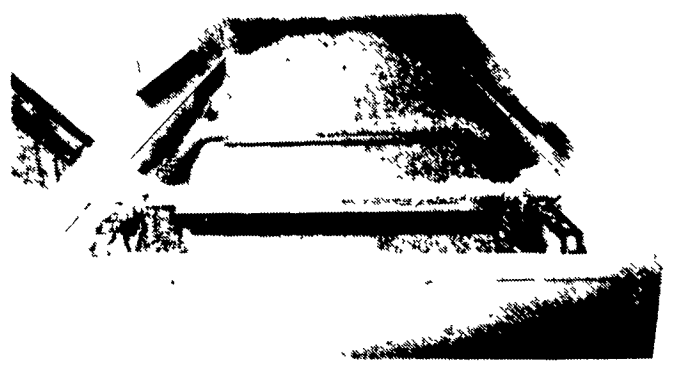

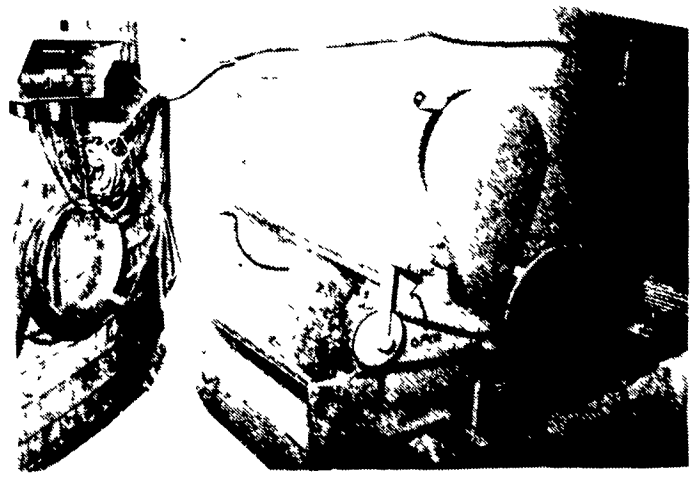

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Lycoming County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

November, 1983
Rolling Herd Averages

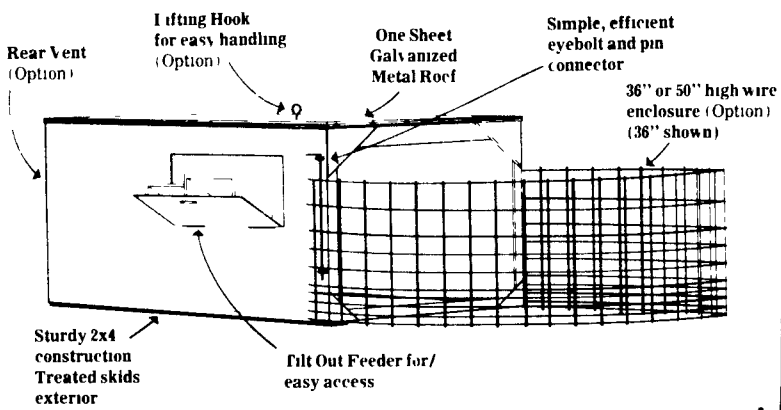
NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS FAT
Eugene W Hall	R&GrH	64 9	92 1	20 736	821
John Snyder	RH	38 4	87 7	18,069	712
Richard Barto	R&GrH	46 4	89 0	18 723	709
Mont Will Farms	R&GrH	40 3	88 6	17 744	688
Marshall Bros Inc	RH	113 7	88 6	15,983	684
Ben E McCarty	R&GrMix	29 4	88 3	17 325	684
Samuel & Larry Fry	RH	118 7	88 4	18,977	679
Schon Crest Farms	R&GrH	41 7	90 1	18,641	664
Franklin J Finck	RH	82 1	88 8	17,039	654
Harold&Ann Bower	R&GrH	24 3	87 2	18,091	653
Don&Scott Lepley	GrH	35 3	87 0	17 925	653
Willard Brelsford	R&GrH	38 2	85 8	18 007	649
Chas F Ulmer Jr	R&GrH	32 4	88 9	17 816	641
Lost Brook Farm	R&GrH	85 3	85 8	17,445	641
Don & Wendy Kulp	R&GrH	46 5	81 9	16,907	637
Marvin L Waltz	R&GrH	47 0	89 6	16,893	633
Ritter Ridge Farm	RH	100 2	83 3	17 969	629
John C Bower Jr	GrH	95 2	87 3	15,642	620
Schriner Farms	RMix	45 0	87 3	18,086	619
Robert L Tome	R&GrH	49 3	86 2	15,589	618
Vollman Dairy Fm	R&GrH	38 6	86 0	15 710	614
Aaron Ritter	RH	36 0	85 6	15 702	614
Steppe Brothers	RH	88 0	86 5	15,910	606
C Tom Faulkner	R&GrH	17 7	82 8	15 820	606

Cows Producing Over 700 Lbs Butterfat

OWNER NAME OR NO.	AGE AT CALVING	LBS MILK	LBS. FAT	DAYS IN MILK
John Snyder				
Eleanor	8 6	22 829	871	305
Honor	3 4	21 055	727	305
Emilylu	2 4	15 313	701	305
J David Jarrett				
95	4 10	20 559	720	305
Don & Scott Lepley				
Nancy 4	6 5	18 637	712	273
Bonnie 1	5 0	26 742	916	305
Mont Will Farms				
Nickie	4 0	21,176	801	305
Mags	3 1	18 556	737	305
Richard Barto				
45Ruby	5 11	23,950	784	305
28Racha	4 11	25,329	840	305
Ritter Ridge Farm				
Maggie	6 4	20,169	808	299
Kotton	5 5	20,369	811	305
Daffy	3 4	14,463	738	305
Maxi	3 1	19,297	784	305
Doll	3 6	27,184	929	305
Echo	2 2	19 731	700	305
Cuddles	2 9	19,696	731	305
Eugene W Hall				
Beverly	6 6	16 906	706	305
Wendy	5 6	23 564	919	305
Melinda	3 10	20,547	792	305
Laurie	4 1	19 730	771	305
Marshall Bros Inc #1				
B99	8 7	17 770	745	305
60	3 3	17 611	899	305
Marshall Bros Inc #2				
480	4 2	19 896	717	298
Merrill Holdren				
43	3 6	21 322	779	305
Dale F Cooley				
Lisa 40	8 4	19 700	736	305
Glen & Vernon Temple				
74	7 1	15 075	766	305

(Turn to Page D23)

Compare the Stoltzfus Woodwork Calf Hutch


Lifting Hook for easy handling (Option)
One Sheet Galvanized Metal Roof
Simple, efficient eyebolt and pin connector
Rear Vent (Option)
36" or 50" high wire enclosure (Option) (36" shown)
Sturdy 2x4 construction Treated skids exterior plywood
Tilt Out Feeder for easy access

ALSO AVAILABLE: TRACK FOR FASTENING CALVES' CHAIN TO CEILING OF HUTCH

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Berks County:
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RD #4133 Fleetwood, Pa 19522
215-944 7571

Lebanon County:
UMBERGER'S MILL
Rt 322, RD#4 Lebanon, Pa
717 867-5161

Lancaster County:
JOHN L. LANDIS
1801 Colebrook Rd
Lancaster, Pa 17601
717-898-7689

MFD. BY: **STOLTZFUS WOODWORK**
RD 2, Box 2280, Gap, PA 17527
717-442-8972

STRAY VOLTAGE SOLUTION

The HAMMOND TINGLE VOLTAGE FILTER is a new development in the technology of stray voltage reduction.
The TINGLE VOLTAGE FILTER has recently been installed on the following dairy farms.

BEN JACKSON FARM
COLUMBIA CROSS ROADS, PA.
Before installation had 2 5 volts at peak times, this was reduced to 04 volts with installation of the Tingle Voltage Filter

WILLIAM EICK FARM
COLUMBIA CROSS ROADS, PA.
Before installation had 3 5 volts at peak times was reduced to 14 volts with installation of the Tingle Voltage Filter.

The TINGLE VOLTAGE FILTER is safe, effective, permanent, inexpensive and are completely maintenance free.
If installed with Dairylands Stray Voltage Indicator permanently will show electrical faults before they become hazardous.

Dealers Wanted: To sell and install this fast moving, much needed product in your areas.
Qualifications: Must have complete electrical knowledge of dairy farm equipment, and electrical service entrance.
Please send qualifications and credit references to your Dairy Equipment Specialist.

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PH: (717) 297-4128

ALL PURPOSE CART

* 2 Sizes In Stock
* 8 Cu. Ft. Assembled w/Solid Front w/20" wheels pneumatic, $120.00
* 15 Cu. Ft. Assembled w/Removable Front w/26" wheels pneumatic, $162.00

OR WILL MAKE THE SIZE YOU ORDER

- Made of ½" Exterior Plywood
- Edges Protected w/Galvanized Sheet
- Finished w/Treated Redwood Stain

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Rd 1, Bird-in-Hand, PA 17505
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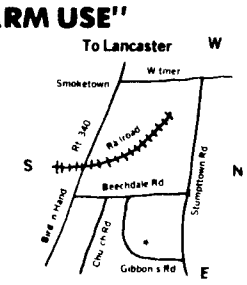

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Fiberglass is practically dent proof Stands up to long periods of hard use • Contents stay fresh because fiberglass absorbs little or no heat • Because there is very little condensation on the inside moisture cannot alter the contents of material being stored • Fiberglass is rust resistant Acids and salts can't hurt it

Economical to Use • Simple to Install • Easy to Operate • Eliminates Dirty Chutes • Directs Flow of Feed • Saves Wear on Silo Chutes • Adapts to Any Make Silo

The only *all fiberglass* feed cart • Buff exterior white gell coat interior • 14 bushel capacity (4 93 Hectoliter) • Immune to silage acids does not rust • Easy to load unload and sanitize

Insulation value provides warmth in winter while remaining cool in summer • Hutches may be nested for compact storage • Hutches are easily moved by use of firmly imbedded I bolts • Studies show respiratory problems disease and calf mortality are reduced when hutches are properly used

Get a cool, clean and constant water supply using no energy.
With the MIRAFOUNT Waterer from Fiberdome you'll have the finest operating lowest cost energy and money saving livestock waterer on the market today The thermal engineering and special design of the seal corks enables MIRAFOUNT to work in all kinds of weather

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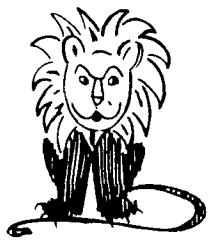
Sale Reports



I'M NOT LION...
The Classified Livestock Section Has Beastly Selections!

A Public Auction of a farmette was held January 14 by Aaron M. and Nancy S. Nolt in Reamstown, Lancaster County, Pa

The 3/4 acres located at the corner of N. Main St. included a 2½ story frame house with aluminum siding. It was sold for $55,000 to Reuben Ringler, R.D.1, Stevens, Pa.

Sanford G. Leaman was the auctioneer.

XXX

A Liquidation Auction of industrial equipment was held January 10 by the Philadelphia Air Transport at 1207 Ridge Pike, 1 mile east of Norristown, Pa.

Items sold included: vertical milling machine $1550, spindle drill press $300, vertical bench milling machine $425, Delta drill press $425, Weidemann turrets $900 & $650, Johnson punch press $1100, Pexto apron hand brake $300 and Pexto boot shear $525.

Hess & Moyer were the auctioneers.

KEEPING AMERICA ON THE GROW

Public Auction Register

JANUARY

SAT JAN 21 10 AM Public Auction of Livestock and Farm Equipment Located 4 mi south of Quarryville, 1 mi east of Rt 222 along St Catherine Rd , East Drumore, Twp , Lanc Co , PA Christ S Stoltzfus Owner Diffenbach's Auc tioneers

SAT JAN 21 10 30 AM Public Auction of School Ho se and Ground Located at Beaver & Lee St , Hellam Boro, York County Blaine N Rentzel Auctioneer

SAT JAN 21 9 30 AM Public Auction of Livestock and Farm Equipment Located 3 mi south of Quarryville, 1 mi east of Rt 222 along St Catherine Rd , East Drumore, Twp , Lanc Co , PA Sale by Christ F & Mary Stoltzfus, Owners Diffenbach's Auctioneers

Lycoming Co. DHIA

(Continued from Page D22)

Lost Brook Farm				
64	2 2	19 175	720	305
Mary Katzmaier				
37	12 11	19 989	734	305
Benjamin E McCarty				
30	7 1	19 109	792	305
22	4 1	18,777	746	305
29	4 1	17 060	745	301
Edward C Ulrich				
30Flo	4 1	19 127	721	305
Linden Hills Farm				
50	4 2	21 090	791	305
Dolly	5 2	22 757	702	305
24	4 4	21 302	783	305
Franklin J Finck				
Connie	6 6	16 138	746	305
Nadin77	3 3	17 866	731	305

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Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT JAN 21 11 AM Public Auction featuring the Viohl Brothers Circus-Model American Shows, Furniture and Antiques Located at the Odessa Fire Hall, Routes 13 & 299, Odessa, Delaware Mary White Viohl, Owner Rudnick Associates, Auc tioneers

SAT JAN 21 9 AM Public Auction of all Lumber Yard Inventory and Equipment Location in Troy, PA, F P Case and Son, Inc, Owners Dick Crittenden Auction Co, Auctioneers

SAT JAN 21 9 AM Public Auction of Guns Sporting Equipment, Garden Tools, Household Goods & Motorcycles Located at Central Road & Rt 11, Bloomsburg, PA (Renco Too) Renco Too, Owner John Autotore Auctioneer

SUN JAN 22 1 00 PM Public Sale of Restaurant Bakery Equipment Located Glen Lyon off Route 11 to Nanticoke cross bridge to Mkt Street, go to light and turn right on W Main Street, go to Alden Road turn left and follow auc tion arrows to Mkt and Enterprise Streets (4½ miles) B Rock, Seller John Autotore and John Autotore, Jr Auctioneers

TUES JAN 24 5 30 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

TUES JAN 24 9 30 AM Public Auction of Railroad Equipment, Con st Equipment & Contrs Tools and Shop Equip ment Located at Slatter's Maryland Yard, 5900 Dowerhouse Rd, Upper Marlboro, Maryland Slat tery Associates Inc Owners

TUES JAN 24 11 A M Complete Registered Milking Herd Dispersal for Lar Bon Farm, Larry and Bonnie Miller, Mount Joy, Pa to be held at Smoketown Quality Dairy Sales, Smoketown, Pa Rte 340 5 mi E of Lan caster 5 mi West of Inter course Sale managed by Smoketown Quality Dairy Sales Co, Inc Gordon and Helen Fritz, Carl Diller and Reed Luce, Auctioneers

WED JAN 25 6 PM Public Auction of Garage Equipment and Supplies Located at 2077 Main St Rothsville, Lancaster Co PA Dale R Shreiner, Owner T Glenn Horst Auctioneer

THURS JAN 26 1 PM Public Auction of Anti ques Coins, Collectibles, and Personal Property Located at Springetts Fire Co Social Hall, 3013 East Market St, York, PA Georgianna Throne Owner Jacob A Gilbert Auctioneer

THURS JAN 26 12 30 PM 331st Special Guern sey Sale, selling 65 head Located at the Guernsey Sales Pavilion 6 miles east of Lancaster, PA on Route #30 Sale managed by PA Guernsey Breeders' Assoc Lee Yost, Business Manager and the Merryman Com pany, John Merryman Auctioneer

THURS JAN 26 Public Auction of a 4½ acre Farmette Im plements, Household Goods and Antiques Located along N Railroad St leading from Route 322 at Hinkletown to New Holland, Earl Township, Lancaster Co, PA Martin and Marcus Z Martin, Ex ecutors of the Leroy O Martin Estate H H Leid Auction Service Auc tioneers

FRI JAN 27 1 30 PM Dairy Sale Located at Penns Valley Livestock Auction Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

FRI JAN 27 10 AM Public Auction of Anti ques, Coins, Collectibles, and Personal Property Located at Springetts Fire Co Social Hall, 3013 East Market St, York, PA Georgianna Throne, Owner Jacob A Gilbert, Auctioneer

FRI JAN 27 11 00 AM Complete Holstein Dispersal 80 registered Holsteins Located on the farm on Lentz Road off Route 439 one half mile east of I 83 (take Exit 36 off I 83) just north of Parkton, in Baltimore Co, MD Steve Wilson, Owner Remsburg Sale Service, Sale Manager

FRI JAN 27 1 30 PM Public Auction of State Graded Pigs Located at the Westminster Livestock Auction Westminster, MD

FRI JAN 27 10 30 AM Public Auction of 2 Farm Equipment Dispersals Located in Yale, VA, A L Phillips, Owner

FRI JAN 27 1 30 PM Public Auction of Registered and Grade Holsteins Located at the Penns Valley Livestock Auction, Centre Hall, PA at the intersection of Rt 45 and 144 Ron Gilligan, Auctioneer

FRI JAN 27 10 AM Public Auction of Aerial Lifts and Cab and Chassis Located at the Carson Bitner property, Ronca Indus Pk, Rt 191 Bethlehem, PA New Jersey Bell, Owners

FRI JAN 27 11 A M Tillinghast Farm Disper sal, Avoca, N Y 6 miles West of Bath off Rt 390 at Exit 1 Nancy and Albert Tillinghast, owners

SAT JAN 28 10 AM Public Auction of Horses Located at Keister's Mid dleburg Auction Sales, Inc, Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT JAN 28 10 AM Public Auction of 2 East Coast Collection Rifles, Pistols, Shotguns, Swords, Sabers and all types Accoutrements Located at the Lionville Fire Co, Lionville, PA Rt 100 & Rt 113 Exit 19 PA turnpike Exton Barry Hurchalla Auctioneer

SAT JAN 28 10 30 AM Public Auction of Farm Equipment Located near Petersburg, VA 1417 Brook Rd, Rich mond, VA for information Auction & Realty Co, Inc Owners

SAT JAN 28 9 30 AM Public Auction of Truck Cranes, Const Equip ment, Line Equipment, Trucks & Vehicles Located at the PP&L facili ty, corner of Union Blvd & Plymouth St, Allentown, PA Pennsylvania Power & Light, Owners

SAT JAN 28 11 AM Public Auction of Anti ques & Furniture Located at St Dennis Church Center, Rt 213, Galena, MD Margaret R Whitehead, Estate Harry Rudnick & Sons Inc Auc tioneers

SAT JAN 28 9 30 AM New Tools 11 30 AM Machinery Located at McGill Equipment, Inc, R D 3, Box 485 C, Mt Pleasant, PA 15666 just off Rt 119 at Scottdale Exit, left at Long John Silvers Edgar Bohrer, Gene McGill and Fred Peters, Auctioneers

SAT JAN 28 11 AM Public Auction of Trac tors, Farm Equipment, and Trucks Located 3 miles south of Smyrna Del Turn off US 13 onto Rt 84 across from Gar risons Golf Course Se cond farm on right William Hutchison, Owner C T Scuse & Sons, Auctioneers

TUES JAN 31 5 30 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

TUES JAN 31 1 PM Public Auction of a Holland Stone Dwelling Located on the premises along Wintersville road north of 422 approx 2 miles east of Myerstown, Lebanon Co Ivan H & Laura N Musser, Owner G Harvey Weik, Auc tioneer

FEBRUARY

THURS FEB 2 - Public Auction of Horse Drawn Farm Machinery, Draft Horses Located 1 mi north of Bird-in-Hand on North Ronks Rd Annie Stoltzfus, Owner Steve Petersheim, Auctioneer

THURS FEB 2 Monthly Cow sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster PA

THURS FEB 2 10 AM Public Auction of Horsedrawn Farm Machinery, Work Horses, Building Material, Anti ques, and Furniture Located in Lancaster Co, PA, ¾ mile north of Bird in Hand on North Ronks Road Turn north at Renn inger's Antique Car Sales off Rt 340 Annie Stoltzfus, Owner Steve Petersheim, Auctioneer

THURS FEB 2 1 PM Public Auction of Anti ques, Collectibles Automobile, Modern Fur niture, Household Goods Located at Springetts Fire Co Social Hall, 3013 E Market St, York, PA Jacob A Gilbert, Auc tioneer

THURS FEB 2 6 30 PM Public Auction of Coins & Paper Weights Located 1 1/10 mile north of Manchester, PA along Rt 181, turn right at White Rock Watch for signs Blaine N Rentzel, Auctioneer

FRI FEB 3 - 10 A M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lan caster off Rt 23 in New Holland, Pa Abe Diffen bach, Manager

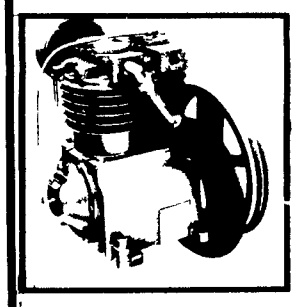
FRI FEB 3 Public Auc tion of a Full Line of Farm Machinery Located 5 miles north of Waynesboro, PA, 8 miles south of Chambersburg, PA, off Rt 316 on Manheim Rd Arvin R and Dorothy E Rudolph Owners Robert C Mollen dore, Auctioneer

FRI FEB 3 10 AM Public Auction of Anti ques, Collectibles Automobile Modern Fur niture & Household Goods Located at Spr ingetts Fire Co Social Hall, 3013 E Market St York, PA Jacob A Gilbert Auctioneer

SAT FEB 4 10 AM Public Auction of Household Goods 2 PM Public Auction of Valuable Real Estate Located at 813 St Joseph St bet ween Prospect St and Fairview Ave, Lancaster City, PA Shirley Kneisley, Executrix for the estate of Joseph M Non neamocher, Robert E & Jeffrey R Martin & Frank L Steller, Auctioneer

SAT FEB 4 9 30 AM Public Auction of Vans and Cars Located at the American Can Co facility N Union Ave, Hillside NJ New Jersey Bell Owners

Air Compressor Sales & Service



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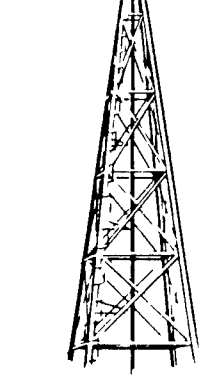

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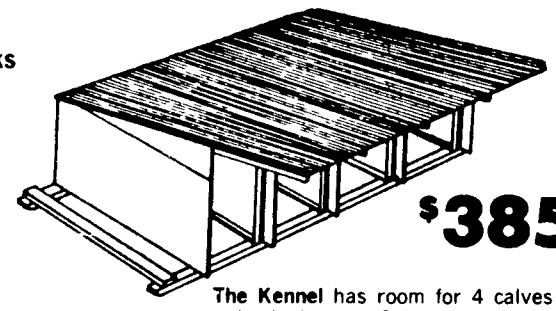
Evenings and Saturdays by Appointment

Solar Calf Kennel

Feeding Racks included. Each Feeding Rack consists of Pail and Hay Rack. Pail not included.



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Other Styles and Sizes Available

The Kennel has room for 4 calves in individual pens Calves cannot reach together Overall size 8x12, plus 3' overhang to protect feeder on 4x4 skids, and is movable Half-inch Aspenite sides and white baked enamel roof to reflect heat
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111 N. Maple Ave. Leola Pa.

Hay and Straw Sales Every Wed.

At 12:00 Noon

FARM MACHINERY SALES

FIRST AND THIRD WED.

FEB. THRU OCT.

AT 9:00 A.M.

Loading Hours 8:00 a.m. To 6:00 p.m.

No Household Items

No Junk

No Out Of State Checks

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First and Third Wed.

At $3.00/$4.00

Goods Auction
111 N. Maple Ave.
Leola PA. 17540

DAIRY CATTLE SALE

FRIDAY, JAN. 27, 1984

1:30 P.M.

PENNS VALLEY LIVESTOCK AUCTION
CENTRE HALL, Pa.
(At the intersection of Rt 45 and 144)

REGISTERED AND GRADE HOLSTEINS

- **BULLS
- **SPRINGERS
- **FRESH COWS
- **BRED HEIFERS
- **DRY COWS
- **OPEN HEIFERS

Consigned: 12 - 2nd Calf Heifers
Ready To Freshen
15 - Open Heifers
Ready To Bred

— Many Other Consignments From Local Farms —
Health Charts Furnished
Ron Gilligan, Auctioneer

★ ★ **NOTICE** ★ ★
Dairy Sale Held Every
Fourth Friday Of The Month
NEXT SALE FEBRUARY 24TH
1:30 P.M.

HAY AND STRAW SOLD AT 1:00 P.M.
For information Call: (814) 364-9096
Restaurant Open (814) 364-1796

PUBLIC AUCTION

VALUABLE 90.3 ACRE DAIRY FARM
FARM MACHINERY
SATURDAY, FEBRUARY 25, 1984
10 A.M.

Located Rt. 1 Bainbridge. From Lancaster take Rt. 30 West to Rt. 441, North 11 Miles.

This 90 Acre Farm of highly productive soil in Conoy Twp., Lanc. Co., Pa., has 85 Acres of tillable land, never failing spring in meadow, Road Frontage Frame bank barn w/metal roof, 30 stanchions, 32 free stalls, 2 Harvestore Silos 20x70, 20x32 also 2 concrete stave Silos 20x60, 14x50. Tobacco shed holds approx. 18 acres. Implement storage shed & work shop, lrg. 3 car garage. 2½ story, 4 bedroom Log House w/Stucco, bath, oil hot water heat. Metal house roof, Stone Summer House, dinner bell

Real Estate will be offered for sale at 2 PM. Machinery at 10 AM. Open House Sat's Feb. 4, 11, 18.

Terms -10% down sale day, balance due in 60 to 90 days. For complete details call Auctioneers 717-786-3394. Watch for full ad.

Sale by
EDWARD & SYDNEY SHOOP

Kreider & Kline Auctioneers

FARMERSVILLE AUCTION

TUESDAY, JANUARY 24, 1984
5:30 P.M.
In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.
GENERAL HOUSEHOLD GOODS

WE SELL ON COMMISSION

CALL **JOHN J. RUTT**
354-5095

Grocery Sale January 31st

14th ANNUAL CONSIGNMENT SALE TWO-DAY PUBLIC AUCTION

Donald Scheese Farm
Cohansey-Friesburg Road
R.D. 3 Box 288
Elmer, N.J. 08318
FRIDAY, MAR. 2, & SAT. MAR. 3, 1984
10:00 A.M. Sharp
Tractors To Be Sold On Friday
Tractors, Combines, Trucks, Implements, All Types of Farm Equipment.
Receiving Equipment Up To Mar. 1, 1984
For Information Call 609-455-3462 or 609-769-4025
Watch For Ads With Complete Listing Before Sale Time
AUCTIONEERS:
Blaine Rentzel
Clyde Wolgemuth
LUNCH AVAILABLE

Amos & Emma Zimmerman

ABSOLUTE PUBLIC AUCTION

"Everything selling to the highest bidder"
FULL LINE OF FARM MACHINERY
SAT., FEBRUARY 11, 1984
9:30 A.M.

Located on the farm along Cider Mill Road, approximately 2 miles south of Ephrata, PA. Take Route 322 South of Ephrata, Pa. to Cabin Road to Farm. Watch for arrows.

#705 Uni System Diesel, #767 New Idea super chopper, #735 New Idea snapper head, #763 New Idea 3 row narrow corn head, #761 New Idea pickup head, #1469 New Holland haybine, #722 Brady chopper, King-Wyse 28 foot elevator, 4 inch by 16 foot auger, McCormick Model MF 16 disk grain drill, Massey Ferguson hay rack, #99 Gehl blower, #78 New Holland super hayline baler, Mohawk 7 tooth chisel plow, Flat bed farm wagon, 2-11 foot cultipackers, 5 h.p. tank model air compressor, Coates tire changer, #225 Lincoln electric welder, Platform scales, heaters, 4000 tobacco lathe, Good assortment of walnut lumber and other, Lots of small miscellaneous tools, log chains, etc.

John Deere Equipment:

#4020 John Deere tractor w/power shift (diesel). Good rubber, #1250 John Deere 6 row corn planter, John Deere 4 bottom 16" trip plow, John Deere 3 section spring tooth harrow, #54 John Deere manure spreader w/hyd. tail gate, John Deere A.W. disk harrow, John Deere 3 pt. tool bar, 2 #125 John Deere chuck wagons, with roofs.

TERMS: Cash or approved check.
Homemade food served

Sale by:
AMOS W. & EMMA M. ZIMMERMAN
717-733-4020

Auction Conducted By The
J. Omar Landis Auction Service
Jay M. Witman
Box 501, Ephrata, PA 17522
717-627-0789 or 665-5735

"Our Services Are Often Copied, But Never Duplicated"

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

SAT FEB 4 9 30 AM Public Auction of Trac tors Truck & Farm Equip ment Located 1 mile north of Waynesboro, PA (Franklin Co) off Rt 997 onto Tomstown Rd , first farm on left H Elmo & Eileen AngleJ Owners Edgar Stull & John Downin Auctioneers

TUES FEB 7 Public Auction of Hay Straw & Grain, Horses & Mules, Farm Machinery, Building Material, Groc , Fruit, Dry Goods, Milking Equip ment, Power & Hank Tools of all sorts Located at Kings Auction, Kirkwood, Lancaster Co , PA Kreider and Kline Auc tioneers

TUES FEB 7 9 AM Public Auction Consign ment Sale of Hay, Straw, Grain, Firewood, Horses & Mules, Tractors, Mechanical & Horse drawn Machinery Located on Rt 472, 5 miles south of Quarryville, 6 miles north of Oxford at Shaubs Auction Grounds in Kirkwood, Lancaster Co , PA Sale by Kings Auction Kreider & Kline Auction Service Auc tioneers

FRI FEB 10 9 A M Public Sale of Farm Machinery at New Holland Sales Stables, Inc , 12 miles East of Lancaster of Rt 23 in New Holland, Pa Abe Diffenbach Manager

FRI FEB 10 1 30 PM State Graded Pig Sale Located at Carlisle Livestock Market Inc ex it 12 off of I 81

FRI FEB 10 1 PM Public Auction of valuable Real Estate Located 10 miles east of Gap, ½ mile south of Rt 30 along Mt Vernon Rd Mose & Nancy Fisher, Owners Steve Peter sheim, Auctioneer

FRI FEB 10 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI FEB 10 9 30 AM Public Auction of Modern Farm Equipment Household Shartlesville turn north off I 78 at Shartlesville Exit Follow Mountain Rd approx 2 miles to farm in upper Bern township Berks Co PA Mrs (Wodrow) Elva Werley, Owner Ralph W Zettlemoyer Auction Co Inc Auctioneers

SAT FEB 11 9 30 AM Public Auction of Horse Drawn Farm Machinery, Horses and Harness Located 1 mi north of Strasburg on Herr Rd David King Owner Steve Petersheim, Auctioneer

SAT FEB 11 10 AM Public Auction Located 4 mi southeast of Strasburg along Road from Ivy to Mt Pleasant Mennonite Church, Lanc Co PA Benuel S Esh Owner Diffenbach's Auc tioneers

SAT FEB 11 9 30 AM Absolute Public Auction of Farm Machinery located along Cedar Mill Road, ap proximately 2 miles South of Ephrata, Pa Take Rt 322 south of Ephrata to Cabin Road to farm Auc tion for Amos W and Em ma M Zimmerman Auc tion conducted by J Omar Landis Auction Service Ephrata, Pa

SAT FEB 11 10 AM Public Auction of Livestock and Farm Equipment Located 3 mi southeast of Strasburg from Rt 896 Take Ivy Rd to Mt Pleasant Rd Sale Located 1 mi south of Route 896 along Mt Plea sant Rd Paradise Twp Lanc Co , Pa Benuel S & Annie Esh Owners Dif fenbach's Auctioneers

SAT FEB 11 9 30 AM Public Auction of Cars Vans & Line Body Trucks Located at the Mid dletown Grange Fairgrounds, Penns Park Rd in Wrightstown, PA Bell Telephone Co of PA Owners

SAT FEB 11 10 AM Public Auction of Farm Equipment Located 1 mile east of Banger along the road to Richmond In Banger, turn off Rt 191 at the car wash onto Mess inger St Go to Center St then 1 mile toward Rich mond Northhampton Co , PA Lester P Reimer, Owner Ralph W Zet tlemoyer Auction Co Inc Auctioneers

TUES FEB 14 9 AM Public Auction of Holstein Herd Dispersal, Mules and Farm Machinery Located on Rt 272 south of Lancaster, 6 mi turn east on Ship Rock Rd , ½ mi to farm, 6 mi north of the Buck, east on Ship Rock Rd Henry F Fisher, Owner Kreider and Kline, Auctioneers

WED FEB 15 10 AM Public Auction of Horse Drawn Farm Machinery, Draft Horses and Milking Equipment Located in Dauphin Co , PA 8 miles east of Millersburg, 2 miles northwest of Ber rysburg 2 miles north of Rt 25 on Kessler Road Amos A Esh Owner Steve Petersheim Auc tioneer

THURS FEB 16 Public Auction of Farm Equip ment, Household Goods and Livestock Located 2 mi northwest of New Holland, turn off of Rt 23 on N Shirk Rd at Goods Furniture, 1st road left on Amishtown Rd , Lanc Co , PA Emanuel S Lapp, Owner Robert E Martin and Son 656-7770, and Frank L Steller, Auc tioneers

THURS FEB 16 & FRI FEB 17 Public Auction of Farm Equipment Located 1 mile East of Marion, PA Ralph W Horst, Manager

FRI FEB 16 Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI FEB 17 Public Auc tion of Farm Equipment, Household Goods and Livestock Located along Rt 30, between Kinzers and Gap, Lanc Co PA Amos Yoder, Owner Robert E Martin and Son, 656 7770 and Frank L Steller, Auctioneers

FRI FEB 17 10 A M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lan caster off Rt 23 in New Holland, Pa Abe Diffen bach, Manager

FRI FEB 17 9 30 AM Public Auction of 50 Head Holsteins Dairy Equip ment and Farm Machinery Located in Mifflin County, 5 miles Northeast of Belleville PA on the back Mt road Mr & Mrs Jesse L Hostetler Owners, Mark Glick, Auc tioneer

FRI FEB 17 1 PM Public Auction of Valuable Real Estate, Farm Machinery & Feed Located in West Caln Twp , Chester Co 5 miles north of Parkesburg along Rt 10 Watch for signs Lloyd & Ruth Riehl Owners Steve Peter sheim, Auctioneer

FRI FEB 17 Public Auction of Special Machinery Consignment Located at Mel Kolb's Woodsboro MD Farm Directions ½ mile Nor thwest of Woodsboro on Rt 550 in Frederick Co

SAT FEB 18 9 30 AM Public Auction of Draft Horse, Mules Drivers and Meat Horses Located at the Belleville Livestock Market Mark Glick Auc tioneer

SAT FEB 18 Auction of horse drawn farm im plements and tools Located 2 miles nor thwest of White Horse alone Meadville Road in Salsbury Township, Lan caster Co PA Enos King, Owner LeRoy S and Paul W Horst, Auctioneers

SAT FEB 18 10 AM Public Sale of Livestock, and Farm Equipment located 10 miles southeast of Strasburg, 1½ miles south of Nine Points, ½ mile east of Route 896 along Bartville Rd , Sadsbury Twp , Lan caster Co , Pa Sale by John S Kauffman, Owner, Diffenbach's Auctioneers

SAT FEB 18 10 AM Public Sale of livestockfarm equipment and dairying equipment Located 10 miles southeast of Strasburg, 1½ miles south of Nine Points, ½ mile east of Route 896, along Bartville Road, Sadsbury Twp Lancaster Co , PA John S Kauffman Owner Dif fenbach's, Auctioneers

SAT FEB 18 9 AM Public Auction of Farm Equipment, Antiques, and Household Goods Located along Church St between Reamstown and Hahnstown, East Cocalico Township, Lancaster Co , PA Simon L Martin Owner T Glenn Horst & Timothy G Horst, Auc tioneers

SAT FEB 18 9 AM Public Auction of Valuable Garage Equipment, Tools & Car Parts Located ½ mile north of Selinsgrove PA along Rt 11 & 15 at the former Bottiger & Stuck Building or ¼ mile south of Susquehanna Valley Mall Duane Baer Owner Dale Longacre, Mark Jones & Ralph Lesh III, Auctioneers

TUES FEB 21 10 AM Public Auction of Farm Equipment and Parts located 3 miles north west of Morgantown Sale by Ed Hurst and Ivan Hoover Elvin Horning, Auctioneer

TUES FEB 21 10 AM Public Auction of Livestock and Farm Equipment Located 2½ miles east of Route 472, 2 miles southwest of 896 from Nine Points, at Bart ville, Bart Twp , Lancaster Co , PA Stephen M Stoltzfus, Owner Diffen bach's Auctioneers

FRI FEB 24 9 AM Public Auction of Antique Trac tors and Engines, New, Used and Abused Farm Equipment, New Tools and Fruit Located 10 mi east of Lancaster, 2½ mi west of New Holland, turn off Rt 23 on S Groffdale Rd , turn left on Musser School Rd , Lanc Co , PA Elias S Beiler, Owner Robert E Martin and Son 656 7770, Frank L Steller and Blaine Rent zel, Auctioneers

FRI FEB 24 1 30 PM Dairy Sale Located at Penns Valley Livestock Auction Centre Hall, PA Scott L Yocum and Ron Gilligan Auctioneers

FRI FEB 24 9 30 AM Public Auction of Farm Machinery, Dairy Equip ment, Corn Hay, some Furniture and Antiques Located 1 mile East of Belleville, PA, turn off Rt 655 at Medical Center Louie E and Frona Yoder Owner Mark Glick Auc tioneer

FRI FEB 24 10 00 AM Public Sale of livestock farm equipment and some household items Located 1½ miles west of Route 472 from black Rock 2½ miles west of Route 896 from Nine Points Noble Road to Bartville 1 mile west of e along Bartville Road Lancaster Co , PA Samuel M Stoltzfus, Owner Diffen bach's, Auctioneers

SAT FEB 25 CONSIGN MENT SALE Const Equip Trucks, Trailers & Contractors Equip to be held at the property adja cent to the Ramada Inn off Rt 95 in Essington Pa just south of the Philadelphia Int'l Airport Vilsmeier Auction Co Inc

SAT FEB 25 10 AM Public Auction of Livestock and Farm Equipment Located 1½ mi southwest of Bartville off Farmdale Rd Lanc Co , PA Henry S Stoltzfus, Owner Diffen bach's Auctioneers

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT FEB 25 10 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT February 25, 1984 9 AM Terms by Allan H & John W Brubaker Electrical supplies, farm machinery, household goods, and tools Located ½ mile north of Hahnstown, Ephrata Township, Lancaster County Auctioneers Paul W & Leroy S Horst

SAT FEB 25 10 AM Public Auction of Horse Drawn Machinery, Draft Horses and Antique Furniture Located 7 mi east of Intercourse in village of White Horse Amos F Beiler, Owner

SAT FEB 25 - 10 00 AM Public Auction of valuable 90 3 acre dairy farm Located Rt 1 Bainbridge, from Lancaster take Rt 30 West to Rt 411 north 11 miles Edward and Sydney Shoop, Owners Kreider and Kline Auctioneers

SAT FEB 25 10th Annual Public Sale by Strasburg Fire Company #1 at the fire house, West Main St , Strasburg, Pa Sale managed by Elvin Siegrist, Auctioneer

SAT FEB 25 - 9 30 AM Public Auction of Livestock, Farm Equipment, and Dairy Equipment Located 2½ miles east of Route 472, 3 miles southwest of 896 from Nine Points, 1½ miles southwest of Bartville, Just off Farmdale Road, Lancaster Co , PA Henry S Stoltzfus, Owner Diffenbach's Auctioneers

SAT FEB 25 10 AM Public Auction of Valuable 90 3 Acre Dairy Farm, Farm Machinery Located in Bainbridge, Rt 1 from Lancaster, take Rt 30 West to Rt 441 North 11 miles Edward & Sydney Shoop, Owners Kreider and Kline, Auctioneers

SAT FEB 25 9 AM Public Auction of Farm Machinery, Pickup Truck Car & Tools Located approx 2 miles east of Stewartstown along Rt 851 Watch for signs Margaret M Schuman Owner Bob & Tom Sechrist, Auctioneer

SAT FEB 25 10 AM Public Auction of Farm Machinery Located R D 1 Bainbridge, PA from Lancaster, take Rt 30 West to Rt 441, North 11 miles Edward & Sydney Shoop, Owners Kreider & Kline, Auctioneers

THURS FEB 25 10 30 AM Public Auction of Farm Equipment Located 2½ miles south of Kutztown turn south at Hels's Chrysler Dealer onto Kemp St for 7/10 mile, turn left, go 5/10 mile just over railroad track, keep right at fork in road toward the village of Bowers for 1 mile Berks Co , PA Melvin E & Blanche E Moyer, Owners Ralph W Zettlemoyer Auction Co , Inc , Auctioneers

SAT FEB 25 Public Auction of Const Equip , Trucks, Trailers, and Misc items Located at the sale site adjacent to Ramada Inn off Rt 95, just south of the Phila , Int Arpt in Essington, PA Suburban Contractors Association, Owners

SAT FEB 25 Public Auction of a Full Line of Farm Machinery Located southwest of Waynesboro, PA on Hoover Mill Rd James M and Ada Eshelman, Owners Robert C Mullendore, Auctioneer

SAT FEB 25 10 30 AM Public Auction of Farm Equipment, Tractors, Pipeline Milker & Hay & Straw Located R D 2, Lebanon, 4½ miles north of Lebanon off Rt 343 Jacob & Ruth Bross, Owners Harry H Bachman, Auctioneers

SAT FEB 25 9 30 AM Public Auction of Farm Equipment Located along Rt 111 at WSBA Radio Towers, north of York, PA (1 mile north of Rt 30 turn north at Gino's Restaurant on Rt 111) Wilson Gladfelter, Owner Blaine N Rentzel, Auctioneer

SAT FEB 25 9 30 Consignment Sale of Farm Machinery located at 133 Rothsville Station Rd , Lititz, PA Sale by Binkley & Hurst Bros Inc C H Wolgemuth and Bob Auctioneers

TUES FEB 28 9 30 A M Public Sale of farm machinery and tractors Located along Meadow Valley Road 1½ mile west of Ephrata By Edwin Horning and Sons Ralph Horst and Blaine Rentzel Auctioneers

WED FEB 29 9 30 AM Public Auction of Horse Drawn Farm Machinery, 22 Head Holstein Heifers from Stoltzfus Herd, 6 Work Horses Located 1 mi north of Gap Stephen U Stoltzfus, Owner Steve Petersheim, Auctioneer

MARCH

THURS MARCH 1 9 AM Public Auction of Dairy Cows and Farm Machinery Located on premises along Bowmansville Rd leading from Adamstown to Rt 625, from Bowmansville take Rt 625N under turnpike bridge, 2nd road left to T road turn left ½ mi to auction on right Clarence Weaver, Owner Randal V Kline, Lloyd Kreider and Roy Good, Jr , Auctioneers

THURS MARCH 1 9 30 AM Public Auction of Farm Machinery, Household Items & Antiques Located off Rt 15, 5 miles South of Dillsburg at County Line Rd , Turn West 2nd farm on left or 3 mile North of York Springs Watch for Signs Mr & Mrs Marlin Pentz, Owners Blaine N Rentzel, Auctioneer

THURS MARCH 1 10 AM Public Auction of Farm Equipment, Trucks, etc Located Northeast of Richland, Lebanon Co , PA Neil Eshelman, owner Sylvan B Witmer, Auctioneer

THURS MARCH 1 10 AM Public Auction of Farm Equipment, Holstein Dairy Cows and Heifers Located 2 miles south of Honey Brook, PA Andrew K and Anna Ruth King, Owners

THURS MARCH 1 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI MARCH 2 9 AM Public Auction of Farm Machinery Located at the Belleville Livestock Market

FRI MAR 2 10 A M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

MARCH 2 and 3 FRI and SAT 10 00 AM 14th Annual 2 day consignment sale public auction Donald Scheese Farm located Cohansey-Freisburg Road, Elmer NJ Accepting consignments up to March 1 Blaine Rentzel and Clyde Wolgemuth, Auctioneers

FRI APR 27 6 PM Public Auction of 250-300 Head Heifers, all sizes, Springing, Bred and Open Heifers, some registered Located at the Belleville Livestock Market

SAT MARCH 3 20th Annual Bart Twp Fire Co Located in Georgetown, on Rt 896, 7 mi south of Strasburg Local Auctioneers

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PUBLIC SALE

3 BEDROOM HOLLAND STONE DWELLING

TUES. JAN. 31, 1984

Sale Time - 1 P.M.

on the premises along Wintersville road north of 422 appr. 2 miles east of Myerstown Leb. Co.

This is a very desireable ranch type home W/oil fired air heat, central cleaning system, oil fired water heater, 2 car garage, utility room, & enclosed porch on the rear, well on the premises etc. there is also a 24-26Ft. shop on premises.

All situated on a 1 acre lot that fronts 100 Ft. along Wintersville Road & extends to a state road along the rear. For inspection of Property Call (717) 866-4289 for appointment.

Owners
IVAN H. & LAURA N. MUSSER
Auct. G. Harvey Weik
Att. Steiner & Sandoe

PUBLIC SALE

BLAINE RENTZELS' AUCTION BARN

THURS., FEBRUARY 2, 1984

6:30 P.M.

LOCATED: 1 1/10 mile north of Manchester, Pa. along Rt. 181, turn right at White Rock. "Watch for Signs".

COINS & PAPER WEIGHTS

$5.00-$10.00 & $20.00 Federal Reserve Notes of various banks - (York National - 1st National Bank - Phila. - 1st National Bank Stewartstown - Farmers Red Lion - Doylestown).
$2.00 Notes w/Shrewsbury Post Mark, rolls of dimes, quarters, Halves, Buffalo nickels, 1851 - $5.00 gold, 1917 McKinley Gold Pa., National Currancy $10.00 (Mt. Joy - New York), 6 pc. International Mint, 41 pc. Franklin Mint 1st Ladies, 200-1943 White Lincoln Cents, 100 Buffalo Nickels, 83 Silver Dollars, Proof Sets 1956 - 57 - 61, Mint Sets 53 - 54 - 55, sheets of stamps, 1971 Eisenhower Silver Dollars - UN. Silver Dollars - 1889 - 1899 - 1902 - 1921 - 1922.
Collection of 59 Paper Weights - Famous Men, Flower Designs, Money, Pictures & Colored.
TERMS — CASH OR GOOD CHECK w/PROPER ID.
BRING YOUR OWN LAWN CHAIRS FOR SEATS.
For Auction Room Sales:
764-6412 or 845-7877
Auction Room Ph. 266-1671
AUCTIONEER: Blaine N. Rentzel
Emigsville, Pa.
717-764-6412
Pa. Auctioneers Lic. #761

····CONSIGNMENT···· SALE

McGILL EQUIPMENT
McGill Equipment, Inc.
R.D.3, Box 485-C
Mt. Pleasant, Pa. 15666
Phone: Office (412) 547-1851 or Garage (412) 547-8138
Just off Route 119 at Scottdale Exit - Left at Long John Silvers.

SAT., JANUARY 28, 1984
New Tools Starting at 9:30 A.M.
Machinery Starting at 11:30 A.M.

25 TRACTORS: John Deere, Farmall, Ford, Oliver, Massey Ferguson, David Brown, Allis Chalmers, Motor Bikes and Lawn Mowers.

FARM EQUIPMENT: Mowers, Corn Pickers, Rakes, Haybines, Round Baler, Balers, Rotary Mowers, Blades, Combines, Plows, Discs, harrows, Corn Planters, Grain Drills, Gravity Boxes, Manure Spreaders, Hammermills, Forks, Sprayers, Elevators, High Lifts, Chisel Plows, Forage Harvesters, Hay Wagon: NEW Brush Hog, Blades, Post Digger, Rock Rake, 3 pt. Disc, Spinder Seeders. All types of Farm Equipment.

Some industrial equipment expected. Lots of miscellaneous items.

FARMERS AND DEALERS: Bring in your equipment to this sale. All Consignments welcome!

THIS IS OUR FIRST SALE OF THE YEAR. OUR SECOND SALE WILL BE ON FEBRUARY 25, 1984.

AUCTIONEERS:
Edgar Bohrer, Gene McGill and Fred Peters
Lunch at Sale **Not Responsible for Accidents**

COMPLETE HERD DISPERSAL

For Arthur Chance
Of Kenton, Dela.

FRI. MORNING, JAN. 27, 1984
11:00 A.M.

At Shady Lane Dairy Sales, Inc. ¼ Mile West of Quarryville off Rt. 372 on Oak Bottom Rd.

100 HEAD OF REG. & GRADE HOLSTEINS
Friday Morning 11:30 A.M.
January 27, 1984

Featuring a complete herd of 60 Holsteins. Including 40 plus mature cows mostly 3-5 year olds, with 15 heifers fresh in Dec. & Jan. Over 20 head of cows are now dry and springing and ready to go to work. This is a good honest herd, large in body size and good dairy quality. Never pushed, being sold as owner is retiring after a lifetime of dairy experience.

Special mention of 15 head heifers that are ready to breed.

Also selling A select group of Reg. fresh & springing holstein cows & heifers. This is an outstanding group we have selected from over 3000 head available to us. We kept our selections to 2nd & 3rd calf cows, with potential ahead of them, not behind them.

You have to make a living and we put cows here that you can afford to buy & will work for you. No show, No gimmicks, a working man's place of business.

T.B. & Blood Tested
Preg. Exam by Vet.

SHADY LANE DAIRY SALES
R.D.#4, Box 463
Quarryville, Pa. 17566
717-786-2750 or 786-1725

PIGS

STATE GRADED SALE
FRI., JAN. 27
1:30 P.M.
AT
WESTMINSTER LIVESTOCK AUCTION
Westminster, Md.
Ph 301-848-9820

AUCTION SERVICE KLING'S
R D 1, Landisburg, PA 17040
tel 717-789-3883

DAIRY COW SALE

FRIDAY, FEBRUARY 3, 1984
12:00 Noon

Located at Kling's Sale Barn, 2½ miles N.E. of Landisburg, Perry Co., Pa., 15 miles North of Carlisle on Route 74:

60 HEAD OF HOLSTEINS

Approximately ½ are Registered - All are recently fresh or springing close.

Special Mention-

Clinton Camp Majesty- just fresh with her second calf & milking 80 lb./day - will classify well.

Sexation- first calf heifer fresh Jan. 1.

Fancy R Maple Heifer milking 65 lbs./day.

Grade Red & white Dam & Daughter Combination.

Some of the other Sires represented:

Harrisburg Gay, Kingway Elevation Very, Rocket Kemp, Fury Alert, Marquis Prince, Cumva Proud Performer.

Some animals with records.

Plus:

25 Fancy Grade Cows and First Calf Heifers that are just fresh and milking up to 80 lbs

Health Charts.

V. ART KLING, Owner
Landisburg, PA. 17040
717-789-3883

Fred Naugle, Pedigrees

AUTOTORE'S AUCTION

SUNDAY, JANUARY 22
Starting At 1 P.M.

Loc. - Glen Lyon - Off Route 11 to Nanticoke — cross bridge to Mkt. street — go to light and turn right on W. Main Street — go to Alden Road turn left and follow auction arrows to Mkt. & Enterprise Streets (4½ miles)

RESTAURANT - BAKERY - EQUIPMENT AUCTION

Twin jet beverage dispenser, Wells toaster, G E. 3-pan icing melter, sml. gas grill, 2 burner gas stove, 2 burner elec. stove, pizza oven, stainless pails, lg. alum. tub, plastic bins, flour bin, A-200 Hobart 20 qt. mixer w/S.S. stand, S.S. utensil holder, sml. portable flour bins, heat sealers, tote warmers, lg. & sml. shrink tunnles, B-B-Q King warmer, G.E. Convection oven, 40 gal. S.S. Groem steam kettle, Kaiser Dial-O-Matic Pie Press, Dutchess skimmy machine, ½ sheet pan shipping cabinet, Groen 4 compartment steam cooker, Blakeslee 30 qt mixers, Hobart D-300 30 qt mixer, Blakeslee 20 qt. mixer, S.S. table w/flour storage bins & doors, wooden tables w/S.S. tops & storage doors, elec. pie rotary oven, 4 commercial potato peelers, 12 shipping cabinets, milk dispensers, Hobart meat saw, plastic stackers trays, food warmers, plastic pan carts, spice compartment shelves for over work table or to hang on wall, NCR cash registers, assorted mixing bowls, bread & cake pans, balance scales, plus many unlisted sml & lg. items.

TERMS - Cash

B. ROCK,
Seller

Auctioneers - John Autotore 784-3506
John Autotore Jr. 784-0381

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT MAR 3 10 00 AM Horse Sale Located at Penns Valley Livestock Auction Centre Hall PA Scott L Yocum and Ron Gilligan Auctioneers

SAT MARCH 3 9 AM Public Auction of Farm Machinery, Truck, Blacksmith Shop Tools Gasoline Engine and many Antique Tools Located at R D 1 Felton York Co PA Turn off Rt 24 north of Stewartstown opposite Greer Chevrolet & proceed thru Cross Roads Boro approx 1 mile to place of sale on right Watch for signs Charlotte E Smith Owner Bob and Tom Sechrist, Auctioneer

SAT MARCH 3 2 PM Public Auction of 58 acre Farm offered in 2 tracks Located South of Willow Valley Turn off Rt 272 on Byerland Church Rd on the corner of Byerland Church Rd and Radcliff Rd Pequea Township Lancaster County PA John M & Shirley A McMichael Owner Robert E & Jeffrey R Martin & Frank L Steller Auctioneer

TUES MARCH 6 10 AM Public Auction of Full Line of Farm Machinery, Hay and Straw Located 1 mi south of New Holland off of Rt 23 between Kinzer Ave and Brimmer Ave Ray and Linda Geissinger, Owners Jeffrey R and Robert E Martin Auc tioneers

TUES MARCH 6 9 30 AM Public Auction of Farm Machinery Butcher ing Tools, Furniture and Antiques Located in Cen tre County 7 miles East of Pleasant Gap (Bellefonte) PA, on Route 64 Clarence Korman Owner Mark Glick Auctioneer

[illegible] 10 30 A M Public Auction PA World Relief Heifer Sale 100 Head Located at the Guernsey Sales Pavilion along Rt 30 Wilmer Kraybill Manager

FRI MAR 9 9 A M Public Sale of Farm Machinery at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI MARCH 9 9 AM Public Auction of Machinery Located at Keister's Middleburg Auc tion Sales, Inc Rt 555 3 mi east of Middleburg, PA 5 mi west of Selin sgrove, PA Don and Walt Keister Owners Ray Long and Dave Imes Auc tioneers

FRI MAR 9 1 30 PM State Graded Pig Sale Located at Carlisle Livestock Market Inc ex it 12 off of I 81

FRI MARCH 9 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market Inc

SAT MARCH 10 9 AM Public Auction of 54 Head Holsteins Dairy Equip ment and Farm Machinery Located in Centre County at the East end of Aaronsburg PA along Route 45 Malvin & Pauline Ream Owners Mark Glick, Auc tioneer

SAT MARCH 10 Public Auction of Farm Equip ment, Household Goods, etc Located approx 2 miles east of Myerstown between Richland and Millardsville, Lebanon Co Lloyd M Martin, Owner Weik & Witmer, Auc tioneers

SAT MARCH 10 8 30 AM 16th Annual Gor donville Fire Co Spring Sale Public Auction of Machinery, Livestock, An tiques and Quilts Located 10 miles East of Lancaster off of Rt 30 on Old Leacock Rd at the Gordonville Fire Hall Ron Funk & Local Auc tioneers

SAT MARCH 10 9 30 AM Public Auction of Real Estate Antiques, Household Goods, Tools, and Coins Located at 206 S Spruce St, Lititz PA 17543 William & Anna Mary Bredthauer, Owners T Glenn Horst & Timothy G Horst, Auc tioneers

SAT MARCH 10 - 9 30 AM Public Auction of Pickup Truck, Farm Machinery and Tools Located ap prox ½ mile east of Fawn Grove York Co, PA along Rt 851 Watch for signs Margaret Norris, Owner Bob and Tom Sechrist Auctioneer

SAT MARCH 10 9 AM Public Auction of Real Estate Farm Equipment and 3 tracks 50 acres with farm buildings Located ¾ mile east of Hellam Township York PA Allen Miller estate Blaine Rentzel Auc tioneer

TUES MARCH 13 9 AM Public Auction of Farm Machinery Farmall Trac tors 20 Head of Heifers and Antiques Located 2 mi east of Intercourse on 340 John L Zook Owner Steve Petersheim Auc tioneer

THURS MARCH 15 10 AM Public Auction of Trac tors Farm Equipment Trucks and Clipper Seed Cleaner Located approx 1½ mile from Littlestown PA on Route 194 (Road from Littlestown PA to Hanover, PA) turn onto Mehring Road and go short distance to sale site Mr and Mrs Wesley Am brose Owners Dennis J Plunkert Auctioneer

PUBLIC AUCTION

MODERN FARM EQUIPMENT; HOUSEHOLD GOODS BUTCHERING EQUIP. & ANTIQUES

FRI. FEB. 10, 1984

at 9:30 A.M.

Between (Hamburg & Shartlesville), turn N. off I-78 & Shartlesville exit, follow Mt. road approx. 2 miles to farm, in Upper Bern Twp, Berks Co. Pa.

FARM EQUIP.

AC 185 diesel tractor, 3 pt., cab, air, 620 hrs; 2-AC-D17 tractors; AC-WD- 45 tractor; 2-WX tractors one w/culti; Ford 8N tractor w/Sauder loader; NI #702-U6 Uni tractor w/710 combine; 726 w r husker, 711 grain head, 720 husker snapper, 766 windrow pick up & 762 w r silage head; Oliver 565 four bot 14" semi mt. spring trip pl; Case 7' 3pt. chisel pl; AC 8' transport disc; 10' roller harrow w/inside frame tires; AC four r c planter; JD-FB-17 dbl. disc grain drill w/fert, & grass seed attach; NI Cut-Ditioner; NH 56 rake; NH 315 baler w/thrower; 3-16' bale side wagons, one is metal w/w track running; gear; AC forage wagon; Calhoun forage wagon w/8 ton running gear; NH 352 grinder mixer; Int. #10 mixer wagon; NI 30' bale elev.; 22' bale elev; Ford 3pt. pto hopper blower; AC rubber belt silage blower; AC 7' mower; MC one r c husker; 3 pt. rear scoop; 3 pt. post hole digger; 3 pt. 5' rotary cutter; 10' lime drill; 10' two wheel trlr; Unico 10,000 watt pto transport generator; Gruber hay flat w/cut down to rubber running gear; Papec hammer mill; 6" endless belt; feed chest & cart; 4-rd. hog self feeders; pile of PVC 2" plastic pipe; pile of 4" ci pipes; pulley c sheller; tractor tire chains; cases of grease cartridges; seed corn; baler twine; mineral feeder; sm. air compressor; ½ HP bench grinder; sm. table saw; welding table; Lincoln 225 amp welder; AC Big 10 riding mower tractor; Dynmark 8hp riding mower; cement mixer w/motor; 3/4" socket set; work bench; 6" swivel vise; lg. chain block; lg. builders screw jack; saw buck; western horse & pony saddles; dbl. & single trees;

BUTCHERING EQUIP. & ANTIQUES

scalding trough, ₂ hp sealed unit meat grinder; Wellsaw for splitting, DO - ALL butcher band saw; sausage stuffer; ci butcher kettle; gas burner for same; one kettle butcher stove; rd. 40" butcher block; 3'x5' butcher block; 30lb. hanging butcher scale; lot of metal tubs; scrapple dishes; meat hooks, & butchering knives; sm. wooden tub; butcher bench; 26"x31"x42" safe signed P.H. Bricker; 3pc. wdn porch chr. set; picnic table & benches; quilting frame w/legs; treadle sewing machine; stenotype machine; wooden egg crate; threshing flail; sq. oak ext. table; rd. oak ext. table w/5 boards; rope bed; 2- oak ornate dressers; oak ornate bed; press back platform rocker; windsor style rocker; marble top dresser; mirror back oak side board; ornate iron parlor heater; dry sink w/lid & raised panel drs; 6- half spindle back plank seat chairs; glass butter churn; record cabinet; pic. frames & mirrors; lanterns; ci dog; banjo; lg. glass jugs; barn framing drill; single driving harness; 5 - 4' hex signs; 2-flat top desks one typewriter style; Hotpoint auto washer & dryer 3 yrs. old; Hotpoint elec. stove; phonograph record layer; radio & record player comb; cellar refrig. plus farm hand tools, dishes & many, many items not mentioned.

SALE ORDER — small hand tools-1st, leading into butchering equip. & household goods & antiques, farm equip. approx. 1 P.M.

TERMS - Cash or check

Ordered by

MRS. (WOODROW) ELVA WERLEY

Conducted by

Ralph W. Zettlemoyer Auction Co. Inc.

(215) 395-8084

Refreshments available

PUBLIC SALE

Discontinuing farming 1 mile north of Waynesboro, PA (Franklin County) off Route 997 onto Tomstown Road, first farm on left.

SATURDAY, FEB. 4, 1984

9:30 A.M.

5 TRACTORS, TRUCK & FARM EQUIPMENT

Massey-Ferguson #1105 D w/air cond, and heated cab, 1668 hrs., W.F. & M.P.; Case #580C Diesel Industrial loader tractor w/78" bucket, 670 hrs. and heated cab; M.F.#175 D, 1900 hrs., W.F. & M.P.; M.F.#180 D, 2605 hrs., tricycle, M.P.; M.F.#50 G; 1970 Chev. C50 truck w/350 V.8, 16" hyd. grain body, 37,500 mi. and 825x20 tires; New Idea #245 tandem axle 10 ton, 2 beater spreader w/hyd. gate, (1 yr. old); M.F. #880 hyd, reset 4x16" plow; Brillion 7' 3 pt. chisel plow; Amco 12' transport disc, (like new); Clark 8' pull disc; Chatt. 12' sgl. steel cultipacker; 8' and 9' dbl. cultipackers; 2-24 tooth wood frame harrows; John Deere FB-B 13x7 drill; A.C. #333 6 row no-till corn planter w/liquid tanks, (1 yr.); planter monitor, Papec forage harvestor w/2 row (narrow) head and windrow pick-up; N.H. #27 whirlfeed hopper blower; 9" pipe for 2 silos; New Idea #327 (30") 2 row corn picker, (like new); N.H. #33 flail chopper; 1-10 ton and 2-8 ton wagons w/Killbros #350 gravity bins; Arts-Way Dion 12 ton 16' tandem axle 3 beater P.T.O. wagon w/roof, (like new); N.H. #355 2 ton grinder mixer w/electronic scales, (like new); N.H. #273 baler w/hyd. thrower; Hesston #1090 9' haybine; N.I. 5 bar hay rake; 4 bale body hay wagons; N.H. 36' elevator w/2 H.P. elec. motor, (new); Hesston #4040 3 pt. hyd. stack mover; Cardinal 16' and Little Giant roll-away conveyors, N.H. 36' elevator, (damaged); J.D. #602 2 ton fert. spreader; Century 500 gal. fiberglass 2 wheel field sprayer; 3 pt. 6' scraper blade; Int. #355 power washer; Int. fast hitch 3 pt. convertor; 8' alum. pick-up cap and livestock racks; 950x16" 10 ply impl. tires, (new); 12.5x15" impl. wheel and tire; 12' farm gate; 100'2" plastic pipe; rear wagon chassis, (new); 1 axle tilt snow mobile trl; rubber tire wheel barrow; ground drive lawn sprayer; 21' S.S. milker 2" pipe; new and used steel pipe; baler twine; blacksmith forge; anvil; ropes; chains; pulleys; 2 chain hoist, S.S. and steel cable; burlap bags; scrap iron; hyd. floor jack; bagwagon; milk cans; heavy vise; many shop tools; ladders; 4 rolls snow fence; 50 gal. stl. drums; kettle furnace; iron kettles; grinder; stuffer; meat bench; seasoned oak, cherry and poplar lumber; elec. poles; 2 new 12' feed bunks; 4 galv. water troughs; 2 steel feed carts; ABS breeding wheel; Pro-lick tank; 2 feeder wagons; hay rack; forks; shovels and many other useful farm items.

AUCT. NOTE: Farm equipment in exceptional condition.

HAY, CORN, STRAW SILAGE & HOUSEHOLD

Alfalfa and mixed hay; 60 tons ear corn; 1000 bales straw (bale); silage in trench silo 24'x9'x60' (sold by ton); 2 bu. Conestoga alfalfa seed; Lawn Boy mower; 5 H.P. Roto-Tiller; Aladdin Kero-heater; elec. sweeper; 12'x14' wall to wall carpet; oak ext. table; oil lanterns; chairs; crocks; milk cans, and a few other household items.

TERMS: Cash day of sale. Nothing removed until settled for. Not responsible for accidents.

Owners:

H. ELMO & EILEEN ANGLE

Telephone: (717) 762-4992

AUCTIONEERS:

Edgar Stull & John Downin

CLERKS:

Richard Harshman & L. Downin

Lunch stand provided by Christian Home Bldg. Class

331st SPECIAL GUERNSEY SALE

SELLING 65 HEAD

THURSDAY, JANUARY 26, 1984

12:30 P.M.

64 COWS & BRED HEIFERS 1 BULL

Sale at the Guernsey Sales Pavilion, 6 miles East of Lancaster, PA on Route #30 Pav. Barn Phone (717) 392-9560; Pav. Office Phone (717) 394-2721

Early consignments include:

Robert B. Smith, Annville, PA - 8 bred heifers. 2 by B. Atlantic, 3 by Premier, 1 by Dari Fayvor, 2 by Fre-Lyn Choice Samson. All due near sale time. 8 dams averaged 12,605#M.

J. Carroll Shortall, Cordova, MD - 8 bred heifers. 3 by Premier, 1 by Choice, 1 by Starfire, 3 by son of May Rose Prince. All due about sale time.

Allen S. Smith, Hollidaysburg, PA - 2 fresh Two Yr. Olds, 1 by Choice, 1 by Deacon.

Luther Huston, Hebron, MD - 5 bred heifers. All due January.

Queripel & Leedom, Pipersville, PA - 4 bred heifers and 1 bull. 2 due before sale, 1 due at sale time, 1 due Feb. Bull by Big Tex born Dec. '82 out of Choice dau. with 20555#M 833F 4-11 365 days.

Walton & Karin Hackman, Hatfield, PA - 13 Cows. 10 Registered, 3 Grade. 3 fresh Dec., 4 due Jan., 5 due Feb.

Richard Merritt, Farmington, CT - 7 bred heifers - all by Eastern AI Sires. 3 fresh by sale time, 4 due within 10 days after sale. All vaccinated.

Jeff Martz, Dalmatia, PA - 2 Cows. 1 fresh 12/20/83. 1 due 2/20/84.

Joseph C. Thompson, Smyrna, NY - Wistar Fabian dau. due 2/18/84. Darimost Titan dau. fresh 11/3/83.

Dr. Clinton Pease, Leesburg, VA - 1 cow due Jan. 21, 1984; Prince Extra Two Yr. Old fresh Dec. '83.

H.S. Dunning, Walpole, NH - 4 bred heifers - 1 due Feb., 2 due March, 1 due Apr. 2 Two Yr. Olds fresh before sale. Sired by Choice, TH Jupiter, Super Star, Dari Fayvor. All vaccinated.

Shawn Thayer, Cummington, MA - 1 bred heifer due 3/25/84 to Jonkar Telestar Pride. Sired by TH Jupiter. Dam with over 15,000#M.

William Rhine, Quarryville, PA - Jeans Jason dau. due before sale as a Two Yr. Old. Dam with over 14,500#M.

Write or Call For Catalogs Or Information

SALE MANAGED BY:

PA Guernsey Breeders' Assoc.
3107 Sollenberger Drive
Chambersburg, PA 17201
PH. (717) 263-3367
Lee Yost, Bus. Mgr.

The Merryman Company
PO Box 566
Sparks, MD 21152
PH. (301) 771-4625
John Merryman, Auctioneer

TILLINGHAST FARM DISPERSAL

Avoca, NY. 6 miles West of Bath off Rt. 390 at Exit 1.

FRIDAY, JANUARY 27, 1984

11:00 A.M.

Selling 71 Holsteins- 42 Cows- (40 are handling claves with over 35 due in the next 60 days! 2 fresh just now!)- 29 Heifers (15 nice Shortbred and 14 younger)- A good herd here!

3 WFE Tractors (Case 1170D, AC D19, IHC 300 gas) NH 276 Baler (showroom new) NH 12' SP Haybine, Brillion 21' transport cultivator-drag, all machinery plus 1000 gallon Mueller tank with washer, barn cleaner with 375' chain, etc.

NANCY & ALBERT TILLINGHAST,
Owners

For any info contact
Remsey Sales,
Bath, N.Y.
607-776-3478

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI MARCH 15 Monthly Cow Sale at Mel Kolb Inc , Maryland Farm Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI MARCH 16 Public Auction of Full Line of Farm Machinery Located at RD 1, Blain, Perry Co PA James Koser, Owner Kling's Auction Service

FRI MARCH 16 5 P M Public Auction of 65 Tractors and Trucks, Material Small Items and Tools, Etc Located at the Kempton Community Center

FRI MARCH 16 6 30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales Inc , Rt 555 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove PA Don and Walt Keister Owners Ray Long and Dave Imes, Auctioneers

FRI MARCH 16 Public Auction of Farm Equipment Antiques and Household Goods Located along Red Run Rd , 2 mi northwest of Terre Hill, near the Red Run Campground Lloyd H Martin Owner Nevin Martin Paul Horst and Lowell Horst Auctioneers

FRI MARCH 16 Public Auction of Dairy Cows Mules Farm Machinery, and Household Goods Located at 361 Mount Sidney Rd Lancaster Witmer, PA David B and Naomik Smucker, Owner Frank and Paul Snyder Auctioneers

SAT MARCH 17 9 30 AM Public Auction of Farm Equipment, Household Goods and Antiques Located between East Petersburg and Manheim turn off of Rt 72 on West Auction Rd , 1st crossroad left Titus M Mary H Eugene N and Donna J Nolt Owners Robert E and Jeffrey R Martin 656 7770 Auctioneers

SAT MARCH 17 Public Auction of Farm Machinery and Misc Items Located at RD Mechanicsburg Cumberland Co PA Robert Eppley Owner Kling's Auction Service

SAT MARCH 17 9 A M Public Auction of Farm Equipment Tools and Small Items Located at the Kempton Community Center 12 Auctioneers

SAT MARCH 17 9 30 AM Public Auction of Farm Machinery and Antiques Located at Chester Wilson Farm, approx 4 mi south of Strasburg PA off Rt 896 take May Post Office Rd south to Weaver Rd to Winter Hill Rd Chester and Anna Wilson Owners Ron Funk Auctions

SAT MARCH 17 9 AM Public Auction of 160 Acre Farm, Machinery, Dairy Equipment, Shop Tools and some Household Located in Mifflin Co 4 miles NE of Milroy, PA or 1 mile North of Siglerville, PA Mrs Elder Goss, Owner Mark Glick, Auctioneer

SAT MARCH 17 Public Auction of Farm Equipment Located near Mendon N Y Saxby Implement Co , Owners Ralph Horst and Blaine Rentzel Auctioneers

MON MAR 19 9 30 AM Annual Consignment Auction of Farm Machinery M M Weaver and Sons Inc Located 1 mile north of Rt 23 along Groffdale Road John and Paul E Martin Auctioneers

MON MARCH 19 8 AM Public Auction of Hogs Located at the New Holland Sales Stables New Holland, PA C L Stoltzfus Chairman

TUES MARCH 20 10 AM Public Auction of Horse Drawn Farm Machinery Horse Mules and Heifers Located ¾ mi west of Gap along 741 Levi E and Mary Fisher Owners Steve Petersheim Auctioneer

TUES MARCH 20 9 30 AM Public Auction of Dairy Cows, Mules and Farm Implements Located at the corner of Peters Rd and Hollander Rd across from Zeltenreich Church John M & Mary B Ebersole Frank & Paul Snyder Auctioneers

THURS MARCH 22 Farm Machinery Consignment Auction Located at RD 1, Landisburg, Perry Co , PA Kling's Auction Service

THURS MARCH 22 & FRI MARCH 23 Public Auction of Farm Equipment Located one mile East of Marion, PA Ralph W Horst, Manager

THURS MARCH 22 11 AM Public Auction of Beef Located at the New Holland Sales Stables, New Holland, PA , C L Stoltzfus, Chairman

THURS MARCH 22 3 PM Public Auction of Sheep and Calves Located at the New Holland Sales Stables, New Holland PA C L Stoltzfus, Chairman

FRI MARCH 23 7 PM and SAT MARCH 24 9 30 AM Public Auction of Farm Toys Located at Historic Strasburg Inn Second Annual Lancaster Farm Toy Auction Sale and Show

FRI MAR 23 10 A M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI MAR 23 1 30 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan Auctioneers

PUBLIC SALE

FARM MACHINERY
HOUSEHOLD ITEMS & ANTIQUES
THURSDAY, MARCH 1, 1984

9:30 A.M.

LOCATED: Off Rt. 15, 5 mile south of Dillsburg at County Line Rd. Turn west - 2nd farm on left or 3 mile north of York Springs. "Watch for Signs".

FARM MACHINERY

Farmall 856 Diesel wide front, duel hydraulic, good rubber, rear weights, Farmall 504 Diesel narrow front, 3 pt. & power steering, Int. 444 Gas w/Power steering, 3 pt., Live PTO & 2050 Int. Loader, Farmall H tractor-(bought new on farm), International 55 pull type chisel plow 10 tooth, Int. 37 Transport Disk (36 blade), Int. 3x16 Model 60 trailer plow, Little Genius 2 Bottom trailer plow, Int. 56 - 4 Row planter dry fertilizer & disk openers, Int. #10 single disk 16 drill, Int. 82 pull type combine w/Grain Bin & PTO driven, Int. 35 hyd. Roto Bar Rake (5 bar), Int. 37 PTO Baler w/thrower, Int. 110 mtd. mower for 424 or 444, Int. #8 Flail Chopper, Int. 1150 Grinder Mixer, Int. 4 Row front mtd. cultı., Int. 2 row front mtd. cultı. for 240, Int. 401 - 12 ft. Spring Harrow, 2 - Int. 330 dump wagons w/thrower rack sides 8 ton, Grove dump wagon (all wagons have 16 ft. beds), hydraulic cylinders, Int. 3 Bar Steel Wheel Rake, New Idea 36 ft. elevator w/drag & 1½ hp motor, Bucks 8 ft. cultıpacker, Mayrath 6"x16' grain augers w/carriage & 1½ hp. motor, rubber tire wagon & bed, steel wheel wagon, New Idea 12A manure spreader, 2 MH Int. mtd. 2 row corn picker for 504, David Bradley grain cleaner, 4"x20' grain auger w/¾ hp. motor, 3 pt. potato plow, 2-13.6x38 used tires, Locust & Iron fence posts, wagon tires, wooden & metal barrels, 40 ft. ladder, step ladder, cattle & hog wire pannels, Sidney cattle & hog feeders, 6 hog huts, Smidly Range Shelters, metal tool bins, Int. Bush bumper, electric fence, Stewart cattle clipper, pig feeders, feed cart, log chains, poultry wire, brooder, cast bath tub, lumber, wash tubs, milk cans & buckets, feed bags, new pipe vise, buckets, 160, 200, 300 gal. fuel tanks, 20 & 30 weight motor oil, scalding trough, butcher equip. & tools & misc. small items.

Allis Chalmers B12 w/mower, tiller, Snow Blade & Cultı.

Cadet 60 Riding Lawn Mower w/32" Mower.

HOUSEHOLD ITEMS & ANTIQUES

Victrolla in working condition, old records, oak stands, copper wash boiler, cradle, wooden egg crate, unklen, iron stone wash bowl & pitcher, porcelain pitcher, gold water glasses w/birds & berries design, depression bowl, vase, ironstone platter, market basket, old picture frames & old pictures, cast iron & ten fry pans, bear bank, glass lid jars, canning jars, crocks, meat grinder (Enterprise 22), sausage stuffer, iron kettles, stirrers, egg scales & baskets, baby crib, doll crib, egg washer, butcher bench, wooden table, play pen, home made brooms, platform rocker, living room suite, studio couch, guitar, stool, magazine rack, typewriter stand, adding machine, shelving, record cabinet, clothes hamper, dressing chair, metal utility cabinet, Hoover upright sweeper & attachments, Dudly chunk stove, wooden barrels, plus other items of interest.

G.E. Electric Range w/Self Cleaning oven 30"-Like New.

G.E. Refrigerator w/freezer-Like New.

AUCTIONEER'S NOTE: This farm equip. is in very good condition & was well cared for; so don't miss this sale.

SALE ORDER: 9:30 Household Items - 10:30 Wagon Items - 11:30 Field of equip. & tractors.

TERMS: CASH OR GOOD CHECK.
FULL SETTLEMENT SALE DAY.

MR. & MRS. MARLIN PENTZ
RD #1, York Springs, Pa.
Ph. 717-528-4595

AUCTIONEER: Blaine N. Rentzel
Emigsville, Pa.
Daytime: 717-764-6412
Evenings: 717-266-1671

PUBLIC SALE
— OF —
GARAGE EQUIPMENT & SUPPLIES
Rothsville, Pa.
WED., JANUARY 25, 1984
AT 6 P.M.

Located at 2077 Main St., Rothsville, Lancaster Co., Pa.

1978 Dodge Power Wagon (4-Wheel Drive)

Bishman Air Tire Change (Model 2000)

Bishman Tire Balancer; Transmission Jack; Snap-on Mechanics Upper & Lower Tool Cabinets with drawers; Timing Light; Mac Engine Analizer; Grease Guns; Gear Lube Pump; Parts Washers; Head Light Aimers (Hoppy); Heavy Duty Mac Battery Charger (on wheels); 1¼, 1½ and 2 Ton Floor Jacks; 12 Ton Hydraulic Jack; 1 Ton Chain Hoist; ½ H.P. Bench Grinder & Polisher; ½" and 3/8" Impact Wrenches (Air); Air Chisel & Bits; Victor Acetylene Gauges and Hoses; Mechanics Waste Can; Radiator Pressure Tester; Tap & Die Sets.

Bench Vise; Work Benches; Shelves; Cabinets; Auto Creeper; many Sets Car Stands; Air Hoses; Socket Sets; Wrenches; Adjustable Wrenches; Screwdrivers; Hammers; Gauges; Wheel Pullers; Vise Grips; Pliers; Files; Torque Wrenches; Solder Gun; Exhaust Hoses; Tool Boxes; Rivet Gun; State Inspection Gauges; Sledge Hammer; Barrel Pumps; Oil Drain Set-up; Els Brake Pressure Bleeder, 11 Shop Manuals.

Drop Cords; New & Used Auto Parts; Tire Repair Items; '72 Olds 350 Engine; Refrigerator; Shop Vacuum; and many other garage items to be sold!

Office Equipment - Office desks and chairs, 3 file cabinets, forms cabinets, shelving, card drawer, files, board room table, check writer

Terms By
SHREINER SERVICE CENTER
Owner,
DALE R. SHREINER
T. Glenn Horst, Auct. — 859-1331
Timothy G. Horst — 738-1245

200-300 HEAD SPECIAL HORSE SALE DRIVING & WORK HORSES

FRIDAY, FEBRUARY 3, 1984

Tack 9:00 A.M.
Sale 10:00 A.M.

AT NEW HOLLAND SALES STABLES, INC.

12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

1 Load Work Horses consigned by Jim Howard
1 Load Work Horses consigned by Billy Meadows.
2 Loads Work Horses consigned by Ward Wright.
1 Load Work Horses consigned by Christ Smucker.
1 Load Work Horses and Mules consigned by Norman Kolb.
1 Load Standardbred Driving Horses consigned by Jonas Beiler.
1 Load Standardbred Driving Horses consigned by Clayton Waterbury.
1 Load Standardbred Driving Horses consigned by Reuben Stoltzfus.
1 Load Standardbred Driving Horses consigned by Levi B. Stoltzfus.
1 Load Work Horses consigned by Donald Mason.
Plus many more consignments.

For more information contact:
Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538

Next Horse Sale
Friday, February 17, 1984
at 10:00 A.M.

COMPLETE HOLSTEIN DISPERSAL

On the farm located on Lentz Road off Route 439 one-half mile east of I-83 (take Exit 36 off I-83) just north of Parkton, in Baltimore Co., Md.

FRIDAY, JANUARY 27, 1984
11:00 A.M.

80 REGISTERED HOLSTEINS 80

41 Cows - 14 Bred Heifers
24 Open Heifers & Calves
1 Service Age Bull

Cows selling milking over 100 lbs. per day.

12 first-calf heifers sell, 11 milking with second calf.

9 sell with records from 838F to 946F
16 sell with records from 600F to 795F
5 sell with records from 25,240M to 26,640M
14 sell with records from 20,000M to 24,990M

These High Record Cows Sell:

VG 3-2	365	26,100	3.6	946	
VG 8-4	365	25,240	3.59	907	
GP 4-2	350	26,640	3.1	860	
GP 5-3	359	24,630	3.5	865	
GP 5-4	334	24,350	3.5	854	
VG 5-5	320	21,680	3.88	841	
GP 4-2	365	25,780	3.1	795	
GP 3-3	365	23,750	3.5	838	
GP 4-2	327	20,600	4.1	839	
GP 5-2	317	25,640	3.1	728	Inc
GP 4-9	329	22,760	3.4	786	
VG 3-1	334	21,100	3.2	690	

1st calf 1-11 365 19,010 3.99 759 (CI+1557)

Daughters of these popular A.I. sires sell: Pete, Elevation, Astronaut, Compete, Jemini, Cavalier, Apollo Rocket, Willow, Leprechaun, Electra, East Star, Samuel, Cap and many other top A.I. sires.

Show Heifer Sells
LINDMABE CAP WHITE LIGHTNING
Born 9-22-82
Sire- Eagle-Acres Elevation Cap
Dam- VG with 18,350M and 710F, gr dam VG with 17,680M and 698F

Heifers Selling from High Record Dams Including:

Cavalier dtr.- Dam Ex with 22,740M and 752F.

Pete drt.- Dam VG 2-1 313 17,760M 595F, gr dam GP83 with 24,350M and 854F.

Persuader dtr.- Dam VG 2-8 364 18,230 4.1 743.

Mark A dtr.- Dam GP-82 with 22,110M and 864F.

Ace Dtr. bred to Leprechaun- Dam VG with 25,240M and 907F.

Leprechaun dtr.- Dam has 21,170M and 968F.

Elevation dtr. bred to Samuel- Dam GP-82 with 17,020M and 671F as a 3-yr. old.

Electra dtr. bred to Dairyman- Dam 1-11 365 19,010M and 759F CI +1557.

Pregnancy Examined
Tested for Interstate Shipment

Catalogs available **Sale in heated tent**

Auctioneer's Note- Seldom do you have an opportunity to purchase as many high record animals as in this sale. Plan to attend and buy on January 27.

For Information contact:

Owner
STEVE WILSON
21128 Lentz Rd.
Parkton, MD 21120
Phone: 301-357-8375

Sale Manager
REMSBURG SALE SERVICE
P.O. Box 177
Jefferson, MD 21755
Phones: 301-473-8214
301-473-7959
301-489-7121

Public Auction Register

SAT MARCH 24 9 AM Public Auction of Farm Equipment and Household Goods Located just off Kramer Mill Rd (Directions PA Turnpike Exit 21 to Rt 272 South to Reamstown Turn left at Dutchman's Diner to Main St Turn left and drive to Kramer Mill Rd) Allen H and Katie M Martin, Owners T Glenn Horst and Timothy G Horst, Auctioneers

THURS MARCH 29 9 AM Public Auction of Annual Spring Machinery and Tools Located in Centre Co , at the West side of Rebersburg, PA Mel Stoltzfus, Owner Glick, Gibboney, Gilligan and Martin, Auctioneers

SAT MAR 31 - 9 A M CONSIGNMENT SALE Const Equip , Trucks, Trailers & Contrs Equip to be held at Wall Stadium property, located on Rt 34 in Wall Township (Belmar/Manasquan area), N J Vilsmeier Auction Co , Inc

SAT MARCH 31 Public Auction of Farm Machinery and Misc Items Located at RD 1, Newport, Perry Co , PA Kenneth Schreiber Owner Kling's Auction Service

SAT MARCH 31 10 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT MARCH 31, 1983 10 AM Public Auction of farm equipment, tools, furniture, ear corn, hay and numerous small items Located 1 mile southeast of Reamstown on Steffy Rd Elam W Nolt, owner Nolt & Witmer Auctioneers

SAT MAR 31 9 00 AM Consignment Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

SAT MARCH 31 11 AM Public Auction of Farm Machinery Consignment Located in Sciota, PA , Seidof's, Owner

SAT MARCH 31 Public Auction of Const Equip , Trucks, Trailers, and Misc Items Located at the Wall Stadium in Wall Township, NJ (Belmar/Manasquan area) Utility Contrs Assoc of NJ Inc , Owners

APRIL

THURS APRIL 5 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI APRIL 6 9 A M Public Sale of Farm Machinery at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI APRIL 6 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

SAT APR 7 Public Auction of Full Line of Farm Machinery plus Holstein Heifers Located at RD 1, Landisburg, Perry Co , PA Jay C McCoy, Owner Kling's Auction Service

SAT APR 7 10 AM Public Auction of Farm Machinery, Antique Furniture, Dishes and Tools Located 3 mi north of Cochranville, PA, just off Rt 10 on Martin Rd Mrs Filmore Martin, Owner Steve Petersheim, Auctioneer

SAT APRIL 7 9 AM Public Auction of Real Estate, Coal Business, Equipment, and Antiques Located at the corner of Bethany Rd and East Fulton St , Ephrata Township, Lancaster Co ., PA Milton Wanner, Owner T Glenn Horst and Timothy G Horst, Auctioneers

TUES APR 10 7 30 PM Easter Lamb & Goats Located at Penns Valley Livestock Auction Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

WED APRIL 11 3 PM Public Auction of Lamb and Goats Located at the Belleville Livestock Market, Belleville, PA B L Market, Owners, Mark Glick, Auctioneer

THURS APR 12 10 AM Public Auction of Rabbits 11 AM Public Auction of Lamb and Goat Kids Located at Keister's Middleburg Auction Sales, Inc Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

FRI APRIL 13 7 P M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI APRIL 13 2 PM Public Auction of Spring Lamb & Goat Sale Located at the Carlisle Livestock Market, Inc Exit 12 off of I-81

THURS APRIL 19 & FRI APRIL 20 - Public Auction of Farm Equipment Located one mile East of Marion, PA Ralph W Horst, Manager

FRI APRIL 19 Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD. ½ mile North West of Woodsboro on Rt 550 in Frederick Co

PUBLIC AUCTION

Sale Located: at St. Dennis Church Center, Rte 213, Galena, Md. for Estate of Margaret R. Whitehead, deceased (from Easton, Md.) Sale at Galena, Md.

SAT., JANUARY 28, 1984

at 11:00 A.M.

ANTIQUES & FURNISHINGS: Oak extension table on claw feet; Oak china cupboard, mirrored and carved lion heads, claw feet; 6 oak chairs (leather uph) carved scroll and leaflion heads and claw feet; Oak carved corner cupboard; Oak side board; Oak server; Mahogany desk w/folding lid; 2 round Oak low tables; Walnut table w/claw feet; Walnut Victorian small sofa c1860 carved crest rail; Mahogany coffee table - carved knees - ball and claw feet; pedestal table; Walnut Secretary desk c1840; rockers; Marble top stands with brass gallery; Gate-leg table drop leaf; 4 Walnut Victorian arm chairs; carved teak wood oriental stand w/round marble insert; Brass rope twist stand w/square marble top; sofas, chairs, child's arm chair; 3 tier table w/turned pedestal and tripod legs; butler tray on Marlboro legs; Brass oil lamp; Bedroom furniture, table lamps, mirrors; Library of Books; towel rack, Empire side chairs, deep Victorian frames; pictures and paintings; wardrobe; metal floor lamps; Crystal and glass; Sterling and Silver plate; china; linens; lots of Flow-Blue china; Pewter; muffin stand; candlesticks and snuffers; collection of pitchers; plus Steinway Square Grand Piano Rosewood and scroll legs, 1867, number 4997. Many other important items too numerous to mention.

ESTATE of DOROTHY PACA of Chestertown: Schaff Bros. Baby Grand Piano; Pine wash stand; chest of drawers w/glass pulls and ball feet; ladies desk; tavern table; 8 chairs, double drop leaf table; Flow-Blue china; Empire sideboard, pair of Girandoles; books, Empire sofa, Q.A. wing back chair; Lots of Sterling and Silver to include Steiff Rose Sterling service for 8 of (8 pcs. each) plus serving pieces. 1976 Plymouth Volari Station Wagon, 41K Miles, 6 Cyl, Stick.

PLUS: Ant. Corner Cupboard; Walnut desk; Mahogany chest of drawers; English Q.A. leather top desk; Mahogany secretary; Ant. Bronzes; oil painting; Oriental rugs, etc.

HARRY RUDNICK & SONS, INC.
Auctioneers & Sales Managers
Galena, Md. 21635
Phone 301-648-5601
LUNCH by St. Dennis Church Women
Inspection - morning of sale

PUBLIC AUCTION

OF TRACTORS - FARM EQUIPMENT - TRUCKS

Location: 3 miles south of Smyrna, Del. Turn off US 13 onto Rt. 84 across from Garrisons Golf Course. Second farm on right.

SATURDAY, JANUARY 28, 1984

11 A.M. Rain or Shine

Two 1950-T Oliver diesel tractors with fender fuel tanks, 674 Int. diesel tractor with cab (1164 hrs.), 2250 Int. loader, 915 Int. diesel combine with cab & 15' grain head, 963 Int. corn head (2 yrs. old), 863 Int. corn head, Int. 16' mulcher, 1210 A JD grain cart (400 bu.), John Blue 300 gal. sprayer, 400 Int. Cyclo 6 row no till planter, JD 21 tyne F.B.C. grain drill, 2 Oliver 6x16" plows, Woods 5106 ditch bank rotary mower, 6' 3 ph rotary mower, A.C. 2300 disc, 3 ph 6' disc, 6' 3 ph blade, one row 3 ph. Int. planter, roadscrape, 844 Int. corn head for parts, 3 sets duals for tractors, acetylene & Oxygen tanks & torches, electric welder, gasoline air compressor, tools, Q.A. 50 Honda, misc

TRUCKS

1971 Ford 9000 diesel twin screw truck tractor, 1971 Int. Fleetstar 2000 diesel twin screw truck tractor, 1970 Int. Fleetstar 2110 gas tandum truck tractor, 1964 Trimline 36' tandum trailer with grain sides, 1965 Fruehauf 36' tandeum trailer with grain sides, 1963 Dorsey 36' tandeum trailer with grain sides, 1970 Int. Loadstar 1890 with 18' grain dump body, 1970 Ford F100 pickup, 1969 Int. 1100 utility truck, 10'x50' mobile home.

Short Farms
A. GENE SHORT

Selling for William Hutchison

656 Int. tractor with new tires (2878 hrs.) #78 A-C Air Champ planter with 5 extra units for 11-15" soybean planter, seed monitor & Insecticide hoppers, 300 gal. John Blue sprayer, 18 tyne Oliver grain drill, 12' Brillion cultivator, 6 row 30" Brillion cultivator, #55 Int. chisel plow (10'), 2 funnel body wagons, 28' K.W. elevator, springtooth, 10' Oliver disc, 12' placker.

Also Selling

4 row potato planter, Oliver 225 disc, 1960 GMC truck, 1958 ten wheel Chevy, 1952 Chevy, 12' Brillion chisel plow, J.D. #210 disc 15', 45' aluminum double decker stock trailer.

Terms: Cash or Approved Check
Sales Mgr. & Auctioneers
C.T. Scuse & Sons
302-653-7530

PUBLIC SALE

OF A 4½ ACRE FARMETTE IMPLEMENTS, HOUSEHOLD GOODS AND ANTIQUES

THURSDAY, JAN. 26

1984 Along N. Railroad St. Leading From Route 322 At Hinkletown To New Holland Earl Township Lancaster Co. Pa.

REAL ESTATE

consists of 2 tracts of land containing 4 acres and 133 perches with 488 feet frontage with 2½ story 8 room dwelling elec and water frame barn and wagon shed and other out buildings

ALSO one horse one seat carriage 2 trotting buggys one horse open spring wagon 40 ft wooden extension ladder 2 buggy harnesses other harness lines collars 2 shovel harrows wooden wheel barrow lot of wooden bu crates metal roofing metal water trough martin birdhouse buggy jack spring wagon seat spring wagon blinker set tobacco sizing box and spear beam scales metal chicken nests and waters axe digging iron manure fork aluminum grain shovel scythe wooden fork manure sled pump trough garden rake 275 gal oil tank elec heater household goods metal bed spring and mattress couch recliner rocker oil space heater throw rugs metal cabinets qt jars cook ware shoe last hand carpenter tools stanley plane hammer and hatchet squares socket set REMMINGTON 22 BOLT ACTION RIFLE STEVENS 16 GAGE SINGLE SHOT GUN 4 board square extension table coal buckets and shovels lantern oak combination desk and book case BOWERS type slant top desk with secret drawer small chest large blanket chest cedar chest 6 pressed back chairs, 3 horse blankets buggy lapp robes large fur driving gloves binoculars martys mirror one horse wooden toy other small toys chicken on the nest E DILLER AND SON NEW HOLLAND PLATE horse magazines horse cut outs wash stand wooden ward robe large glass marble and other marbles pocketwatch lot of geographic magazines over many years comforts garvin store toy horse bank old linens burlap bags some silver coins in silver dollar halves quarters dimes and wheat pennies and lots of other items not here listed inspection of dwelling SAT JAN 21 SALE AT 10 30 A M REAL ESTATE AT 1 P M

SALE ORDERED BY
MARCUS Z. MARTIN
EXECUTORS OF THE
LEROY O. MARTIN
ESTATE
H.H. Leid Auction Service,
Sensenig and Fry Clerks
Michael Kane Atty.
Lunch Stand by Martindale Fire Co. Aux.

PUBLIC AUCTION

New Holland Sales Stables, Inc.
New Holland, Pa.

Tractors & Horse Drawn Farm Equipment-Supplies-Small Items

FRIDAY, FEBRUARY 10, 1984

SALE OF SMALL ITEMS 9:00 A.M. **FARM EQUIPMENT 11:00 A.M.**

— Bring A Load, Buy A Load —

New customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks.

A list of your sale items must be in our office by Jan 24 to be included in our complete listing in the Jan. 28th issue

Abe Diffenbach, Manager
For more information contact Abe Diffenbach or Norman Kolb at 717-354-4341

Next FARM EQUIPMENT SALE FRIDAY, March 2, 1984

STONEHURST FARM INC.

HORSES &
MULES FOR SALE

75 HEAD IN OUR STABLE!

(Transportation)
Call us and ask when the van will be in your area to pick up Amish — We will be in your area once a week.

PRIVATE SALE Everyday

We Have Service Age Bulls From Top Record Dams

Heifers & Cows Due Soon

CALL US NOW FOR YOUR NEEDS

PRIVATE SALE Everyday

Donald & Harold Welk
Stonehurst Farm, Inc.
Box 116 Lime Valley Road
Strasburg, PA 17579
717-687-7475
717-464-2273

Coupon
$50.00
Good Toward Private Sales Only — Jan -Feb 1984

Bring this coupon to the farm After you buy we will give you $50 00 off your bill on every 2 head of what ever you buy
$25 00 off on one –
Clip Coupon Now!

Since 1919

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI APR 20 6 30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT APR 21, 1984 18th Colonial Charolais Spring Sale Located at Frederick Fairgrounds, Frederick, MD Colonial Charolais Association Sponsors Garey Cattle Sales, Inc , 100 Walnut Lane, Morrisville, PA, Managers

FRI APR 27 - 6 PM Public Auction of 250-300 Head Heifers, all sizes, Springing, Bred and Open Heifers, some registered Located at the Belleville Livestock Market

FRI APR 27 1 30 PM Dairy & Heifer Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

SAT APR 28 - 10 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT APR 28 - 7 00 PM Club Lamb & Shoats Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

MAY

THURS MAY 3 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI MAY 4 7 P M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI MAY 4 7 00 PM Feeder Cattle & Pig Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

FRI MAY 11 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI MAY 17 Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI MAY 18 6 30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

FRI MAY 25 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

SAT MAY 26 10 A M Grade Heifer Sale at New Holland Sales Stables Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

SAT MAY 26 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

JUNE

THURS JUNE 7 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI JUNE 8 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI JUNE 15 6 30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

PUBLIC AUCTION

CONSIGNMENT SALE

TUES., FEB. 7, 1984

9:00 A.M. Sharp

Located on Rt. 472, 5 mi. S. of Quarryville 6 mi. N. of Oxford at Shaubs Auction Grounds in Kirkwood, Lanc. Co. Pa.

Sale of Hay, Straw, Grain & Firewood

Horses & Mules, Tractors, Mechanical & Horse-drawn machinery.

Building material, Locust posts

Buggies & carriages, New & used Chain saw parts. Air & elec. tools hand tools of all sorts. Milking equipment, compressors Vacuum pumps, Sputnicks, Milkers & washers. Truck load of Groc. & Salvage Groc. Load of fruits, vegetables, fish & oysters. Cousin with dry goods. Much more too numerous to mention. Bring a load, buy a load.

Receiving Feb. 6, & Feb. 7 till sale time
Guard on duty.

No out of state checks accepted with out Bank approval.

Sale order 9:00 A.M. Small items Groc. Dry Goods etc. 12 Noon Hay & Straw, Building Material, Machinery, Horses & Mules.

Sale by
KING'S AUCTION

KREIDER & KLINE
AUCTION SERVICE

Phone 717-786-3394
or 717-733-1006
Lunch Available

CONSIGNMENT HORSE SALE

SPECIAL DRAFT & DRIVING HORSES

Also
RIDING & SLAUGHTER HORSES

SATURDAY, JANUARY 28, 1984

10:00 A.M. Sharp
Tack To Be Sold At 8:30 A.M.

Keister's Middleburg Auction Sales, Inc. Rt. 555 3 miles East of Middleburg, Pa. 5 miles west of Selinsgrove, Pa.

1 Load Draft Horses consigned by Tom Brickell from North Carolina.

2 Load Draft Horses consigned by M.L. Bowersox.

Lot of Local Draft Horses.

Several loads sharp Standardbred Driving Horses.

For information call: 717-922-1490 or 717-837-2222 or 717-523-0360

Keister's Middleburg Auction Sales, Inc.
Rt. 522 R.D. 3 Middleburg, PA
Owners,
DON & WALT KEISTER

Ray Long & Dave Imes, Auctioneers
Terms: Cash Trucking Available Restaurant Open
NEXT HORSE SALE SAT., FEB. 25

COMPLETE REGISTERED MILKING HERD DISPERSAL

For Lar-Bon Farm

Larry & Bonnie Miller, Mount Joy, Pa.

Including Open & Bred Heifers - Calves, 4-V.G. 15-G.P.

TUESDAY, JAN. 24, 1984, 11:00 A.M.

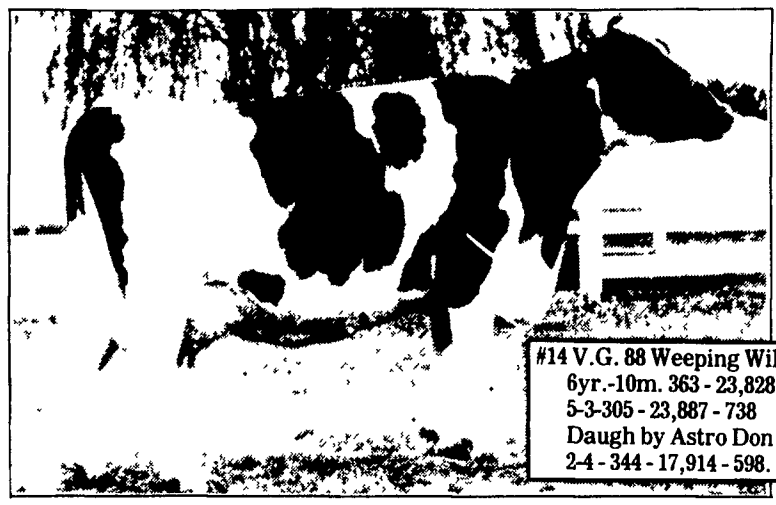
To be held at Smoketown Quality Dairy Sales
Smoketown, PA. Rte. 340-5 mi. E. of Lanc. 5 mi. W. of Intercourse

84 Reg. Holsteins - 46 cows - mostly fall & winter.

40 Registered heifers in all, from springing down to baby calves. There are 18 heifers from ages born 2/27/83 to 12/30/83, 8 heifers born from 3/16/82 to 8/11/82, 10 heifers born from 9/20/82 to 12/10/82 and 4 close bred heifers. Certified-Accredited-Tested within 30 days. Mostly all Vacc-Innoculated for shipping fever.

Pregnancy Check. AAA coding system.
Official DHIA Records 12.9 calving interval.

Last year - 15,500m. 565F. - Present 51 lbs. per day.
Avg. age of herd about 5 yr. with the exception of a few brood cows.



#14 V.G. 88 Weeping Willow K.P. Sue
6yr.-10m. 363 - 23,828 - 750
5-3-305 - 23,887 - 738
Daugh by Astro Don - Due 1-28
2-4 - 344 - 17,914 - 598.

#46 - G+82 - Dividend Performer
356 - 25,860 - 3.5 - 914
305 - 24,041 - 3.5 - 844
G+81 - Elevation Fr. 10-26 - 84 lbs. 3.9
314 - 21,302 - 3.8 - 803
G+82 - Astronaut Fr. 10-8 69.5 lbs.
#6 - G+81 - Moonshot Joe - Due 2-7 to Very
329 - 19,941 - 3.7 - 740
3yr. Rocket Fr. 11-15 - 75.5 lbs. 3.6 - Heifer by Jo DAN - 2.2 - 316 - 15,503 - 3.6 - 563
Chief Charlie - Due 6-15 to Astronaut
Proj. 13,014 - 510 - DAM - EX
305 - 18,403 - 4.2 - 775
295 - 17,076 - 4.3 - 737
#138 - V.G. Moonshot Joe - Due Aug. to Memorial
3 yr. 347 - 19,499 - 4.2 - 817
4yr. 346 - 18,302 - 4.0 - 730
Heifer calf by Wileeda Citation R.
#8 - G+82 Rockman Fifty Five - Due 1-19 to Colonel 339 - 21,515 - 3.5 - 763
305 - 15,780 - 3.7 - 585

#9 - 3yr. Glen Valley Star - Fr. 11-27 66 lbs. 5.1
#10 - V.G. 87 - Astro Kingpin Fr. 9-13
4 records over 19,000 lbs.
G+ Elevator AL - 4-11 - 305 - 19,410 - 3.7 - 720
3.2 - 305 - 16,870 - 3.9 - 653
#78 - Lucky Hope - 5 - 319 - 19,856 - 3.6 - 712
6 - 309 - 18,310 - 3.6 - 646
#7 - G.P. Segis Lucy - Fr. 12-18
308 - 17,110 - 4.0 - 683
273 - 17,111 - 3.6 - 622
#81 - King Pearl - with 3 Daughs.
5 - 332 - 18,430 - 3.8 - 696
6 - 339 - 18,654 - 3.3 - 625
G+ 82 - Elev. AI - Due 5-9 - 17,386 - 3.7 - 555
Creek daugh. due soon - DAM - Merry King
322 - 19,555 - 623 - 305 - 19,011 - 626 - 310 - 17,421 - 546
#40 - Milu Betty Chief - proj. 3 yr. 14,979 - 470
heifer calf by Wileeda Citation - R.
Open Superior by G+ 83 - Ivanhoe Star
356 - 23,159 - 3.9 - 894
Heifer Calf by - Wileeda Citation - R
DAM - Harrisburg Gay Ideal

Sires represented -
Elevation, Glen Valley Star, Astronaut, Rocket, Persuador, Milu Betty Chief, Gay Ideal, Creek, Money Maker, Ace, Performer, Tamlane, Rockman, Senator.
Services Sires - Astronaut, Marvex, Very, Chapel, Jumbo, Vigo, Reflection.

Also selling same DAY -

Reg. born 7/27/81 vacc. Sire-Round Oak Rag Apple Elevation. Dam-Weeping Willow Jet Sue 3 yrs 313 dys 13,042 3 8T 499F 4 yrs 92 4 lbs first test, due Feb. to Dale-Pride Fobes Freddie E.T. Sire-Pawnee Farm Arlinda Chief EX 94. Index +1433M +67F +1.34PDT +533 TPI. Dam-Paclamar Dtr. EX 92-10 yr. +948M +55F. 6 records from 2 yrs. to 9 yrs. 18,030M to over 27,810, test 4.0% up to 4.6% and 909F to 1,287F. 2nd Dam - 13,090M to 18,930 4.3% to 4.7%, 655F to 881F. 3rd Dam 13,385 to 20,247M 3.8% to 4.8% and 573F to 829F.

VACC. 2 yr. Roybrook Tempo.
Due by sale time to Mil-Nor DAM G+ Astronaut Daugh. She sold for $3200 at Public Sale.
3 yr. 352 - 19,370 3.9 757
2 yr. 309 - 13,435 4.3 575
VACC - 2yr. East Star - Fr. 1-6
DAM G+83 - Bootmaker
5yr. - 341 - 18,269 - 3.6 - 644
2nd DAM - Ex91 - 9yr. 305 - 23,360 - 3.5 - 828
8yr. 305 - 19,630 - 3.8 - 738.

Registered 4yr. old Kit Builder, 3 yrs. 6 mos., 305 dys. 21,648M, 4.1T, 890F; 355 dys. 23,392M 4.1T, 971F. Due 2-25-84 to Marshfield Elevation Tony +1962M +52F type +1.67 TPI 578.
Reg. Wagnerscrest Ivanhoe Astronaut - 3.7 - 83 Show Age
DAM - Sunny - Craft MAT Jody - G.P. 83 - 3 yr.
3.6 - 281 - 15,703m. 3.7 - 583 Inc.
2.6 - 326 - 16,160m. 3.5 - 558
3rd DAM - EX 4E - 5yr. - 298 - 16,020 - 4.0 - 634.
Heifer - Calf - Born - 12-14-83 - Killdee Astrochief Wiseman
V.G. - 85 - Daughs. Avg. 17,305 - 3.7 - 634 - +1411m. +52F.
Heifer Calf - Born - 12-9-83 - Sire Hardys Starwars EX91.
+1309 - P.D.T. +1.43 TPI +408 - Daughs. Avg. 18,104m.

Also - One load of Reg. & Grade Fancy Cows out of New England States for Johnny Jr.

Big Breeding Wheel-Farmers Stock Breeders Management Aid-Shows Monthly Breeding Program.

If you need cows that milk 70 lbs. to 100 lbs. per day. Don't miss this sale. This is a rare opportunity to get milk, Bloodlines and foundation cows. These cows have the potential for higher classification.

Catalogs at Ringside
Cows milked at regular time
Cash or good check DAY of sale

Sale Managed by
SMOKETOWN QUALITY DAIRY SALES CO. INC.
GORDON & HELEN FRITZ
717-393-0930

Carl Diller - Reed Luce - Auctioneers
Henry Kettering - Pedigrees

Lunch by Sublette

PUBLIC SALE

SAT., FEBRUARY 4, 1984

11:00 A.M.

MODERN FARM EQUIPMENT
HARVESTOR SILO

Located: R.D. #2, Palmyra, Lebanon Co. Pa. Between Lawn and Cambelltown, Along Patrick Rd. From Rt. 322 in Cambelltown go South on Rt. 117 to Patrick Rd. or North of Lawn take Lawn Rd., to Patrick Rd. (Look for sale arrows)

20x40 HARVESTOR SILO w/Tube Auger Unloader, 4430 JOHN DEERE TRACTOR Wide tires, Cab-air-radio w/Power shift.

1980 801 NEW IDEA 4-Wh. Drive UNI-TRACTOR

713S COMBINE HEAD (Floating Header Bar)

774 4-R. SILAGE HEAD (narrow row)

767 CHOPPER, (new knives, etc.)

744N SNAPPER ROW HEAD

818 COMBINE w/MONITOR

741 FAS-TACH THROAT

840 FAS-TACH THROAT

Note: Each piece to be sold as an individual piece.

Ford 6 B. 16" Semi-Mount Plow, 230 J.D. 24' wide Disc; 12' Brillion Cultimulcher; Bush Hog 10 Tooth Chisel Plow; 694 J.D. 6-row narrow Corn Planter w/fert.; IH 3 pt. 4-Row Culti.; 10 ft. Midwest Harrow; Brady 18' double tine harrow; Myers Hydro Snow Plow w/Bracket for J.D. 4430; 1209 J.D. Haybine; 18' metal rack baie wagon; N.I. 5-bar rake; IH baler Model 37 w/thrower; 717 N.H. Super chopper w/1-row corn head; Dion Blower; 2 Badger ensilage wagons w/tandem axles.

An Hydrous tank w/pump (fits 4030 to 4430) GT370 Model Dryer; 21' Mayrath Auger; 34' Mayrath elevator w/head spout & down spout; NI 198 8"x53' Auger (top drive); Kill Bros. bin wagon; power generator; N.I. 210 Manure Spreader· J.D. Hay Fluffer; Plus items not listed.

AUCT. NOTE-Equip. in excellent cond. NOT MANY SMALL ITEMS, BE PROMPT.

Lunch Available.

Sale By
DAVID M. & BRENDA D. GISH

C.H. WOLGEMUTH &
H. SHAFFNER, AUCTS.
PH. 665-5664

Public Auction Register

Closing Date - Monday, 5 00 P M of each week's publication

FRI JUNE 21 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI JUNE 22 - 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

SAT JUNE 23 Colonial World Class Sale 2 Located at Adams Charolais Farm, Springfield, OH Sponsored by Colonial Charolais Association Managed by Garey Cattle Sales, Inc , 100 Walnut Lane, Morrisville, PA 19067

SAT JUNE 23 - 10 A M Registered Heifer Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

SAT JUNE 30 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

SPECIAL MACHINERY CONSIGNMENT SALE

FRIDAY, FEB. 17, 1984

Location - Mel Kolb's Woodsboro Maryland Farm. Directions: ½ mile North West of Woodsboro on Rt. 550 in Frederick County.

- WANTED -

Tractors and All Types Farm Equipment, also accepting Hay and Straw.

Call collect before February 1, 1984 so we can advertise your consignments. 717-569-6800 or 569-2106.

WATCH FOR NEXT WEEK'S ADVERTISEMENT

JULY

THURS JULY 5 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI JULY 6 7 P M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New HollandPa Abe Diffenbach, Manager

fri JULY 13 - 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI JULY 19 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI JULY 27 - 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

AUG

THURS AUG 2 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI AUG 16 Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI AUG 24 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

SEPT.

THURS SEPT 6 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI SEPT 7 - 7 00 P M Holstein Promotional Sale at New Holland Sales Stables, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

SAT SEPT 10 - 9 AM Public Auction of 78 Acre Farm and Personal Property located south of Selinsgrove, PA on Rt 35 for 9 mi to intersection of Rt 35 and 104 (at blinking light) in Mt Pleasant Mills Then make a left turn on Rt 104 south and go ¼ mi to sale Estate of Frank Leach Dale Longacre and Wayne Hoffman, auctioneers

TUES SEPT 20 - 1 PM Public Auction of First Calf Holstein Heifers Located 3 mi north of Chambersburg, PA Gerald and Eddy Hammond, Owners Ralph W Horst, Auctioneer

TUES SEPT 20 1 PM Public Aution of Farm Equipment and Vehicles Located I-90 East exit 4, Slingerlands, Rt 85 south to Exit Krumkill Rd , turn right and proceed 1 mi to auction site on left Uncle Sam Auctions, Inc

TUES SEPT 20 - 1 PM Public Auction of Cattle Located at Hammondale Acres Farm, 3 mi north of Chambersburg, PA, 1 mi south of Letterkenny Army Depot, Gate 1, between Cheesetown and Salem Church along Funk Rd Gerald and Eddy Hammond, Owners Ralph W Horst, Auctioneer

TUES SEPT 20 - 5 PM Public Auction of Antiques, Collectibles and Household Goods Located at 2 E Main St , Adamstown, PA Larry Pryor, Owner T Glenn and Timothy G Horst, Auctioneers

TUES SEPT 20 7 PM Public Auction of Antique Guns Located at Tread way Inn, Lancaster, PA Dave Martin, Auctioneer

TUES SEPT 20 - 5 30 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

TUES SEPT 20 - 8 PM D S T Registered and Grade Milking Herd Dispersal and Open Heifers to be held at Smoketown Quality Dairy Sales, Smoketown, Pa Rt 340 5 Miles E of Lancaster, 5 miles West of Intercourse Sale by Smoketown Quality Dairy Sale, Gordon and Helen Fritz Carl Diller and Paul Snyder, Auctioneers

OCT.

THURS OCT 4 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

SAT OCT 13 - 10 00 A M Annual Fall Heifer Sale at New Holland Sales Stable, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

FRI OCT 18 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

WED OCT 31 12 Noon Annual Dairy Show and Sale at New Holland Sales Stables, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

NOVEMBER

THURS NOV 2 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

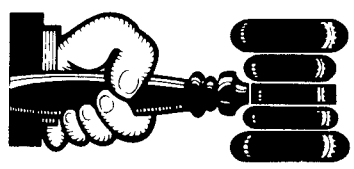
FRI Nov 9 - 9 00 A M Public Sale of Farm Equipment at New Holland Sales Stable, Inc Located 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

FRI NOV 15 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

DEC

THURS DEC 7 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI DEC 20 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co



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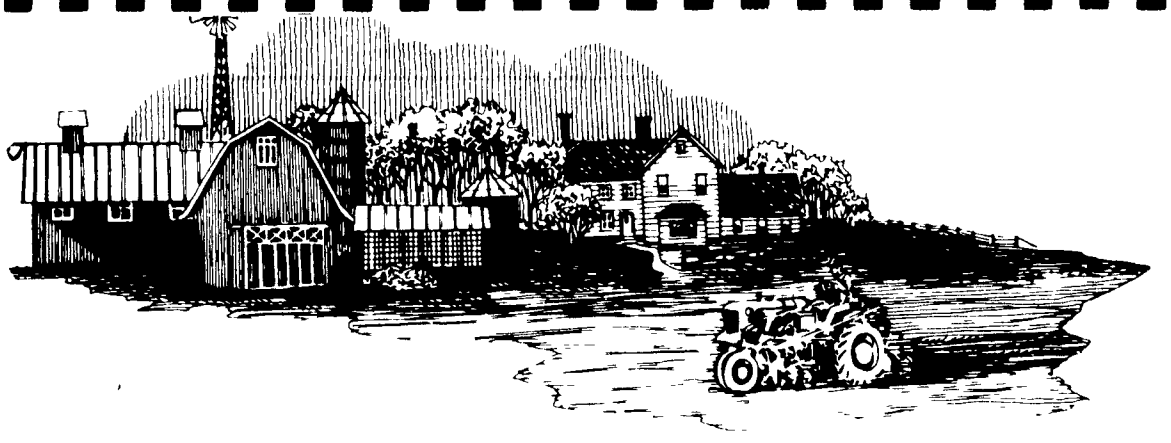

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